

GTX300087

Pancreatic Marker Antibody Panel

Product Content

Cat No	Product Name	Reactivity	Applications	Package
GTX102749	PLA2G1B antibody [N1C3]	Human	WB	25 µl
GTX110602	CD31 antibody [N3C2], Internal	Human	WB, IHC-P, IHC-Fr	25 µl
GTX112396	Pancreatic alpha Amylase antibody [N3C3]	Human, Mouse, Rat	WB	25 µl
GTX130034	PDX1 antibody	Mouse, Rat	WB, IHC-P	25 µl
GTX213110-01	Goat Anti-Rabbit IgG antibody (HRP)	Rabbit	WB, IHC-P, ELISA	25 µl
GTX640155	Cytokeratin 19 antibody [HL2878]	Human, Mouse	WB, ICC/IF, IHC-P	25 µl

Note

For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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PLA2G1B antibody [N1C3]

Cat. No. GTX102749

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB
Reactivity	Human

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
Not tested in other applications.	

Calculated MW 16 kDa. ([Note](#))

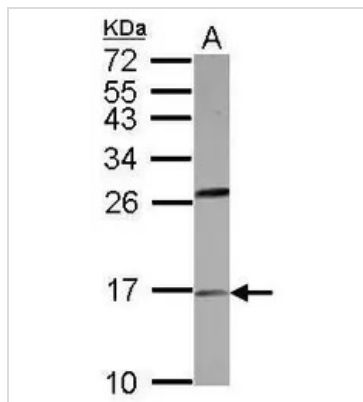
Properties

Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 20% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.74 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human PLA2G1B. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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DATA IMAGES



GTx102749 WB Image

Sample (30 ug of whole cell lysate)

A: HeLa

15% SDS PAGE

GTx102749 diluted at 1:500



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CD31 antibody [N3C2], Internal

Cat. No. GTX110602

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P, IHC-Fr
Reactivity	Human

References (3)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:5000-1:10000
IHC-P	1:100-1:1000
IHC-Fr	Assay dependent

Not tested in other applications.

Calculated MW 83 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 10% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the Extracellular domain of human CD31. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

Note

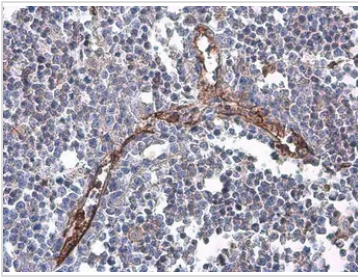
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DATA IMAGES



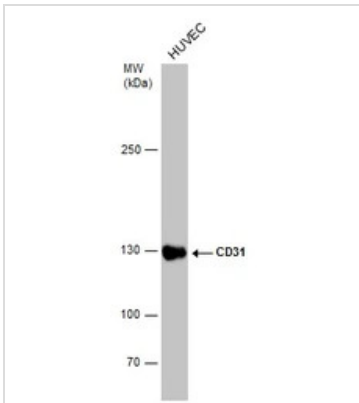
GTx110602 IHC-P Image

CD31 antibody [N3C2], Internal detects CD31 protein at cell membrane by immunohistochemical analysis.

Sample: Paraffin-embedded human tonsil.

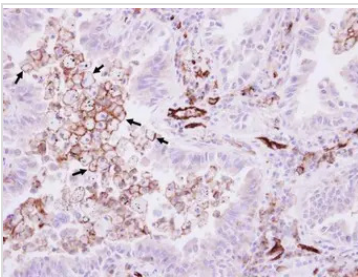
CD31 stained by CD31 antibody [N3C2], Internal (GTx110602) diluted at 1:5000.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTx110602 WB Image

Whole cell extract (30 µg) was separated by 5% SDS-PAGE, and the membrane was blotted with CD31 antibody [N3C2], Internal (GTx110602) diluted at 1:10000.



GTx110602 IHC-P Image

CD31 antibody detects CD31 protein at cell membrane of endothelial cells in human lung cancer by immunohistochemical analysis.

Sample: Paraffin-embedded human lung cancer.

CD31 antibody (GTx110602) diluted at 1:250.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



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Pancreatic alpha Amylase antibody [N3C3]

Cat. No. GTX112396

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB
Reactivity	Human, Mouse, Rat

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000

Not tested in other applications.

Calculated MW 58 kDa. ([Note](#))

Product Note This antibody is specific for human AMY2A and AMY2B protein and does not cross react with human AMY1A, AMY1B, and AMY1C protein.

Properties

Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 20% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.58 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human alpha amylase 2B (pancreatic). The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

Note

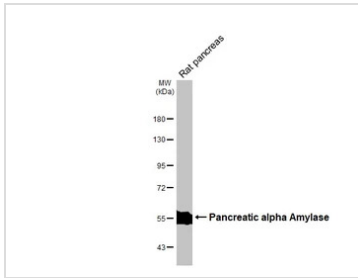
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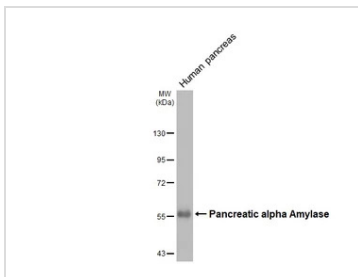


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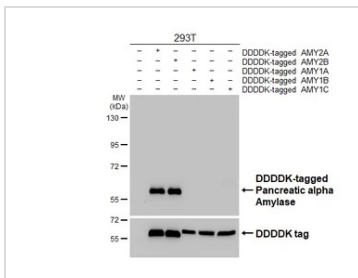
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DATA IMAGES

GTX112396 WB Image

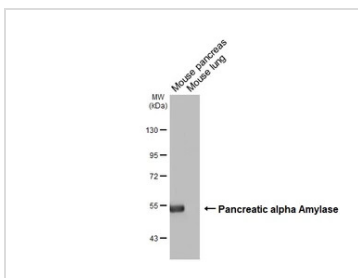
Rat tissue extract (50 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Pancreatic alpha Amylase antibody [N3C3] (GTX112396) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX112396 WB Image

Human pancreas (30 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Pancreatic alpha Amylase antibody [N3C3] (GTX112396) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX112396 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Pancreatic alpha Amylase antibody [N3C3] (GTX112396) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX112396 WB Image

Various tissue extracts (50 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Pancreatic alpha Amylase antibody [N3C3] (GTX112396) diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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PDX1 antibody

Cat. No. GTX130034

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P
Reactivity	Mouse, Rat

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
IHC-P	1:100-1:1000

Not tested in other applications.

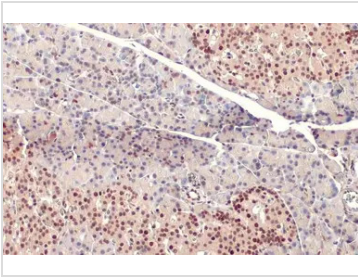
Calculated MW 31 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.29 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human PDX1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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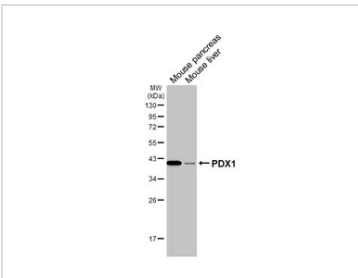
DATA IMAGES

GTX130034 IHC-P Image

PDX1 antibody detects PDX1 protein at nucleus by immunohistochemical analysis.

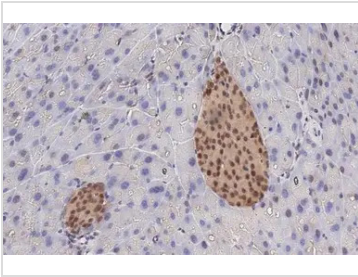
Sample: Paraffin-embedded rat pancreas.

PDX1 stained by PDX1 antibody (GTX130034) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX130034 WB Image

Various tissue extracts (50 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with PDX1 antibody (GTX130034) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX130034 IHC-P Image

PDX1 antibody detects PDX1 protein by immunohistochemical analysis.

Sample: Paraffin-embedded mouse pancreas.

PDX1 stained by PDX1 antibody (GTX130034) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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Goat Anti-Rabbit IgG antibody (HRP)

Cat. No. GTX213110-01

Host	Goat
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P, ELISA
Reactivity	Rabbit

References (654)

Package

1 ml

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:5000-1:20000
IHC-P	1:100-1:1000
ELISA	1:5000-1:20000

Not tested in other applications.

Properties

Form	Liquid
Buffer	0.05M Tris, 0.15M NaCl
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.2 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Highly purified whole rabbit IgG
Purification	Purified by antigen-affinity chromatography.
Conjugation	Horseradish peroxidase(HRP)

Note

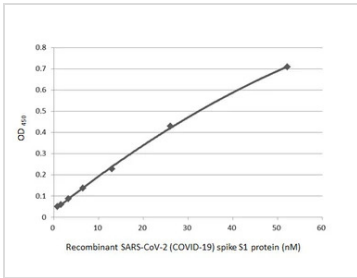
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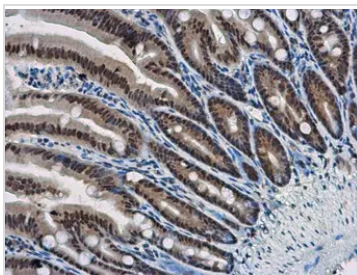
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DATA IMAGES



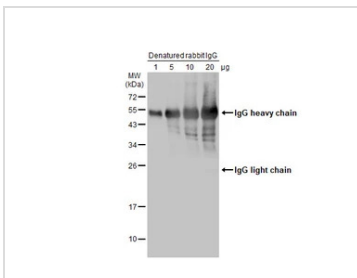
GTX213110-01 ELISA Image

Indirect ELISA analysis performed by coating plate with recombinant SARS-CoV-2 (COVID-19) Spike S1 protein, His tag (active) (GTX135817-pro) (52.15-0.81 nM). Coated protein was probed with SARS-CoV-2 (COVID-19) Spike S1 antibody [HL134] (GTX635671) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect bound primary antibody.



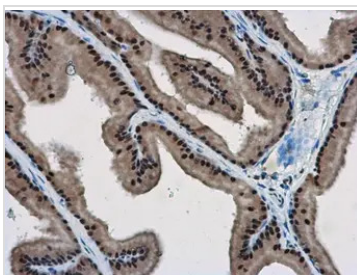
GTX213110-01 IHC-P Image

WBP11 antibody detects WBP11 protein at nucleus in mouse intestine by immunohistochemical analysis.
Sample: Paraffin-embedded mouse intestine.
WBP11 antibody (GTX118654) diluted at 1:500.
The signal was developed by Rabbit IgG antibody (HRP) (GTX213110-01)
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



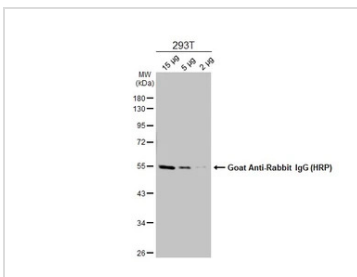
GTX213110-01 WB Image

Various amounts of denatured rabbit IgG protein were separated by 12% SDS-PAGE, and the membrane was blotted with HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) diluted at 1:5000.



GTX213110-01 IHC-P Image

WBP11 antibody detects WBP11 protein at nucleus in rat prostate by immunohistochemical analysis.
Sample: Paraffin-embedded rat prostate.
WBP11 antibody (GTX118654) diluted at 1:500.
The signal was developed by Rabbit IgG antibody (HRP) (GTX213110-01).
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

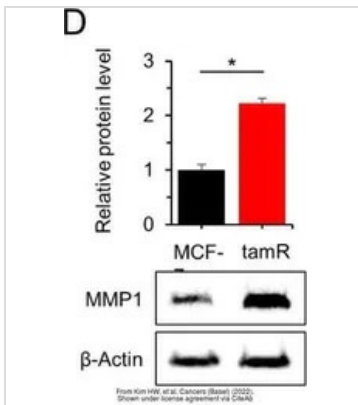


GTX213110-01 WB Image

Various whole cell extracts were separated by 10% SDS-PAGE, and the membrane was blotted with alpha Tubulin antibody (GTX112141) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

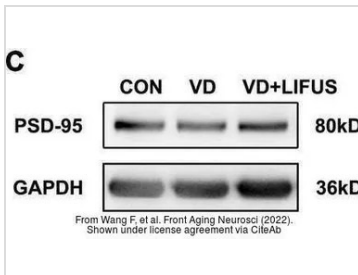


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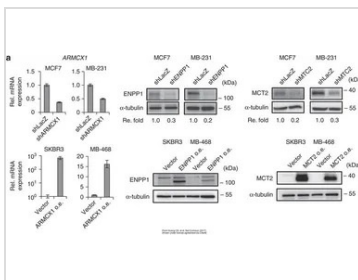
GTx213110-01 WB Image

The data was published in the 2022 in Cancers (Basel). [PMID: 35267540](#)



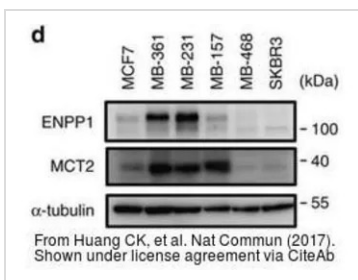
GTx213110-01 WB Image

The data was published in the 2022 in Front Aging Neurosci. [PMID: 35264943](#)



GTx213110-01 WB Image

The data was published in the 2017 in Nat Commun. [PMID: 28281525](#)

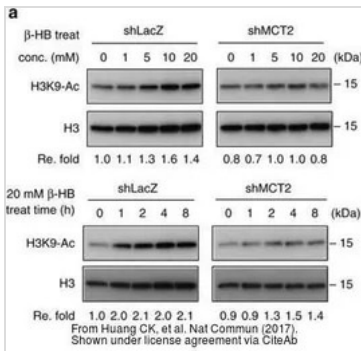


GTx213110-01 WB Image

The data was published in the 2017 in Nat Commun. [PMID: 28281525](#)

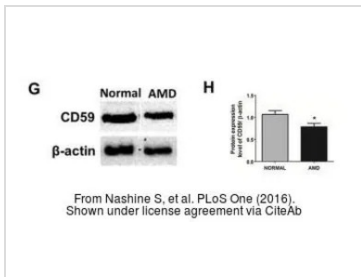


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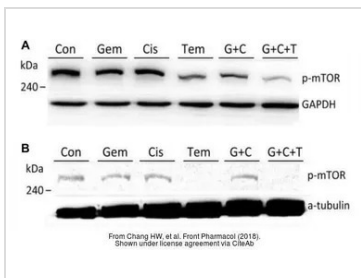
GTx213110-01 WB Image

The data was published in the 2017 in Nat Commun. [PMID: 28281525](#)



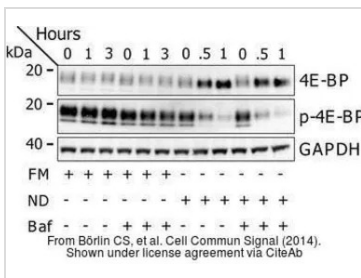
GTx213110-01 WB Image

The data was published in the 2016 in PLoS One. [PMID: 27486856](#)



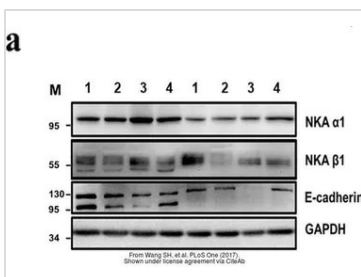
GTx213110-01 WB Image

The data was published in the journal Front Pharmacol in 2018. [PMID: 30087612](#)



GTx213110-01 WB Image

The data was published in the journal Cell Commun Signal in 2014. [PMID: 25214434](#)

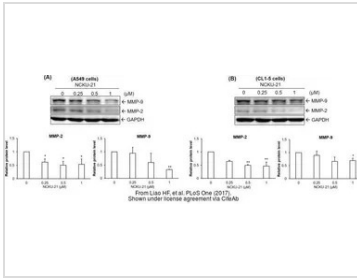


GTx213110-01 WB Image

The data was published in the journal PLoS One in 2017. [PMID: 28832634](#)

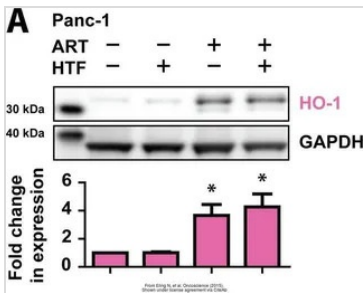


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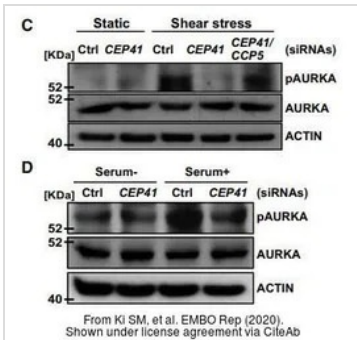
GTX213110-01 WB Image

The data was published in the journal PLoS One in 2017. [PMID: 28945763](#)



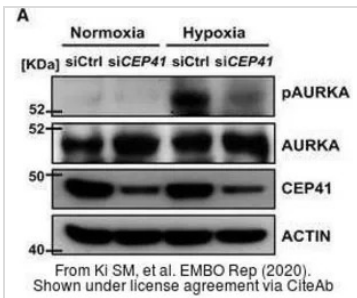
GTX213110-01 WB Image

The data was published in the journal Oncoscience in 2015. [PMID: 26097885](#)



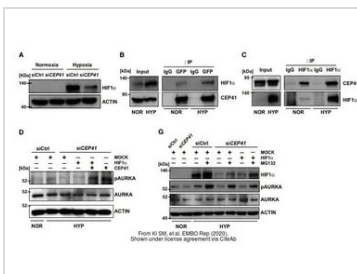
GTX213110-01 WB Image

The data was published in the journal EMBO Rep in 2020. [PMID: 31885126](#)



GTX213110-01 WB Image

The data was published in the journal EMBO Rep in 2020. [PMID: 31885126](#)



GTX213110-01 WB Image

The data was published in the journal EMBO Rep in 2020. [PMID: 31885126](#)



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Cytokeratin 19 antibody [HL2878]

Cat. No. GTX640155

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse

References (1)

★★★★★ Review (2)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

Observed MW (kDa) 44 kDa.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide of human Cytokeratin 19.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

Note

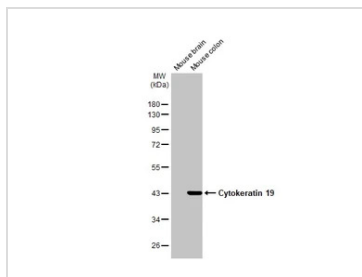
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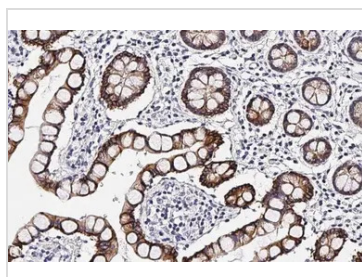
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DATA IMAGES



GTX640155 WB Image

Various tissue extracts (50 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Cytokeratin 19 antibody [HL2878] (GTX640155) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

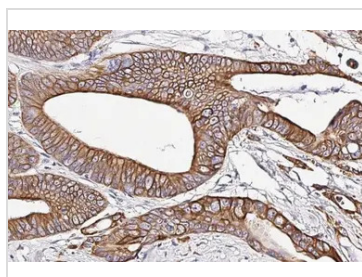


GTX640155 IHC-P Image

Cytokeratin 19 antibody [HL2878] detects Cytokeratin 19 protein by immunohistochemical analysis. Sample: Paraffin-embedded human intestine.

Cytokeratin 19 stained by Cytokeratin 19 antibody [HL2878] (GTX640155) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

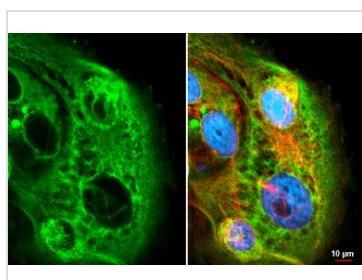


GTX640155 IHC-P Image

Cytokeratin 19 antibody [HL2878] detects Cytokeratin 19 protein by immunohistochemical analysis. Sample: Paraffin-embedded human colon cancer.

Cytokeratin 19 stained by Cytokeratin 19 antibody [HL2878] (GTX640155) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX640155 ICC/IF Image

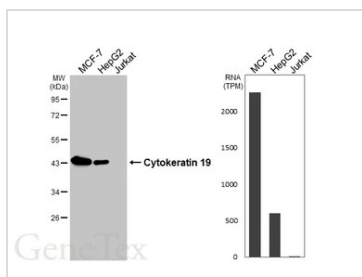
Cytokeratin 19 antibody [HL2878] detects Cytokeratin 19 protein by immunofluorescent analysis.

Sample: MCF-7 cells were fixed in ice-cold MeOH for 5 min.

Green: Cytokeratin 19 stained by Cytokeratin 19 antibody [HL2878] (GTX640155) diluted at 1:500.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTX30920).



GTX640155 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Cytokeratin 19 antibody [HL2878] (GTX640155) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



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