

GTX300120

Anti-Mouse IgG secondary antibody panel

Reference (4)

Product Content

Cat No	Product Name	Reactivity	Application	Package
GTX213111-01	Goat Anti-Mouse IgG antibody (HRP)	Mouse	WB, IHC-P, ELISA, IHC	30 µl
GTX213111-04	Goat Anti-Mouse IgG antibody (DyLight488)	Mouse	WB, ICC/IF, IHC-P, IHC-Fr, FACS	30 µl
GTX213111-05	Goat Anti-Mouse IgG antibody (DyLight594)	Mouse	WB, ICC/IF, IHC-P, IHC-Fr	30 µl

Note

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Goat Anti-Mouse IgG antibody (HRP)

Cat. No. GTX213111-01

Host	Goat
Clonality	Polyclonal
Isotype	IgG
Application	WB, IHC-P, ELISA, IHC
Reactivity	Mouse

Reference (356)

Package

1 ml

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
IHC-P	1:100-1:1000
ELISA	Assay dependent
IHC	Assay dependent

Not tested in other applications.

PROPERTIES

Form	Liquid
Buffer	0.05M Tris, 0.15M NaCl, 1%BSA
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	0.25 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Highly purified whole mouse IgG
Purification	Purified by antigen-affinity chromatography.
Conjugation	Horseradish peroxidase(HRP)

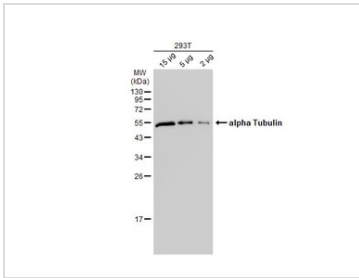
Note

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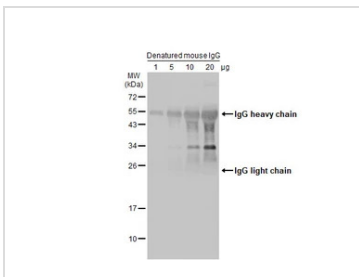
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DATA IMAGES

GTX213111-01 WB Image

Various whole cell extracts were separated by 12% SDS-PAGE, and the membrane was blotted with alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:10000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.


GTX213111-01 WB Image

Various amounts of denatured mouse 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.


GTX213111-01 IHC-P Image

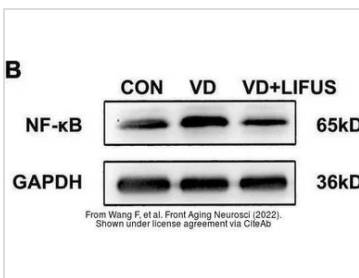
E2F1 antibody [16G7] detects E2F1 protein at nucleus in mouse cervix by immunohistochemical analysis.

Sample: Paraffin-embedded mouse cervix.

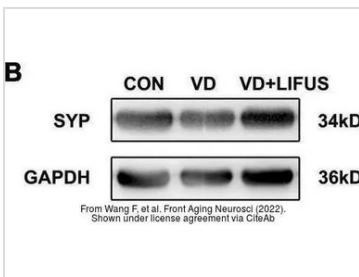
E2F1 antibody [16G7] (GTX70163) diluted at 1:500.

The signal was developed by Mouse IgG antibody (HRP) (GTX213111-01).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX213111-01 WB Image

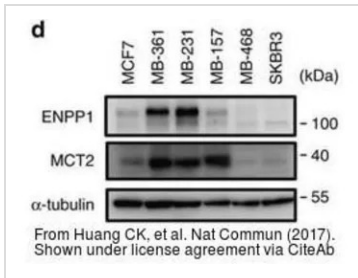
The data was published in the 2022 in Front Aging Neurosci. [PMID: 35264943](https://doi.org/10.3389/fnagi.2022.852493)


GTX213111-01 WB Image

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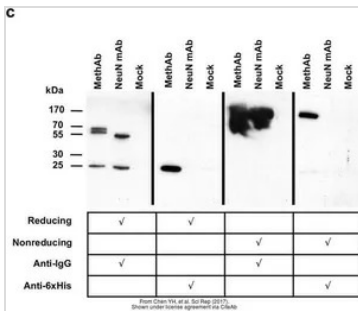


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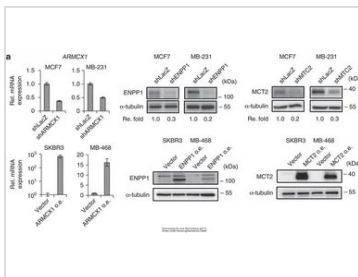
GTx213111-01 WB Image

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



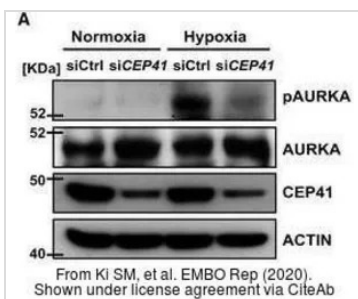
GTx213111-01 WB Image

The data was published in the 2017 in Sci Rep. [PMID: 28387350](#)



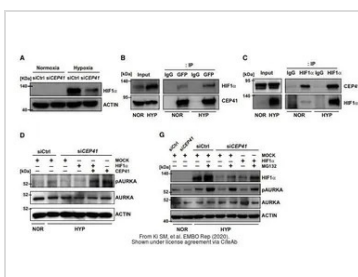
GTx213111-01 WB Image

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



GTx213111-01 WB Image

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

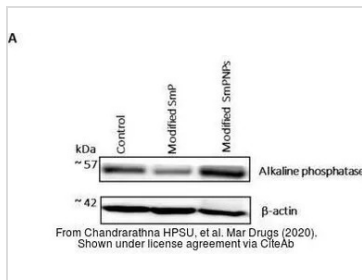


GTx213111-01 WB Image

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

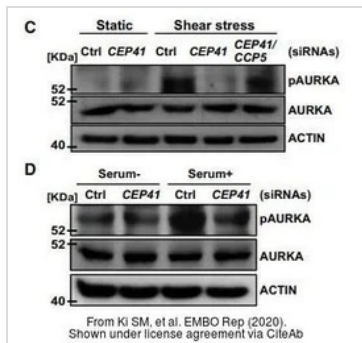


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GTx213111-01 WB Image

The data was published in the journal Mar Drugs in 2020. [PMID: 32245246](https://pubmed.ncbi.nlm.nih.gov/32245246/)



GTx213111-01 WB Image

The data was published in the journal EMBO Rep in 2020. [PMID: 31885126](https://pubmed.ncbi.nlm.nih.gov/31885126/)



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Goat Anti-Mouse IgG antibody (DyLight488)

Cat. No. GTX213111-04

Host	Goat
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P, IHC-Fr, FACS
Reactivity	Mouse

Reference (7)
Package
500 µl

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	1:100-1:2000
IHC-P	Assay dependent
IHC-Fr	1:100-1:1000
FACS	1:50-1:1000

Not tested in other applications.

PROPERTIES

Form	Liquid
Buffer	PBS
Preservative	No preservative
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. Protect from light.
Concentration	2 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Highly purified whole mouse IgG
Purification	Purified by antigen-affinity chromatography.
Conjugation	DyLight488

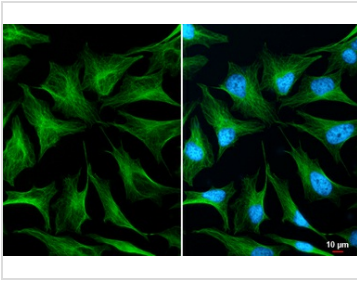
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DATA IMAGES

GTx213111-04 ICC/IF Image

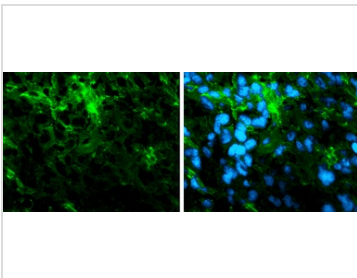
alpha Tubulin antibody [GT114] detects alpha Tubulin protein at cytoskeleton by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: alpha Tubulin stained by alpha Tubulin antibody (GTx628802) diluted at 1:500.

The signal was developed using Mouse IgG antibody (DyLight488) (GTx213111-04) diluted at 1:1000.

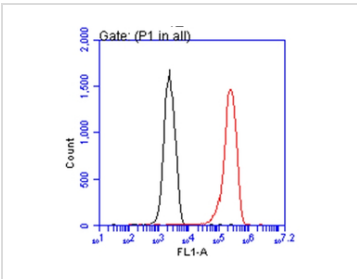
Blue: Fluoroshield with DAPI (GTx30920).


GTx213111-04 IHC-Fr Image

Immunofluorescence photomicrographs of frozen sections of mouse brain.

Green: alpha Tubulin antibody [GT114] (GTx628802) diluted at 1:200. The signal was developed using goat anti-mouse IgG antibody (DyLight488) (GTx213111-04).

Blue: Nuclear staining with Hoechst 33342.


GTx213111-04 FACS Image

Arginase 1 antibody [GT5811] (GTx134218) detects Arginase 1 protein by flow cytometry analysis.

Sample: HepG2 cell.

Black: Unlabelled sample was used as a control.

Red: Arginase 1 antibody [GT5811] (GTx134218) dilution: 1:50.

Acquisition of 20,000 events were collected using the Mouse IgG antibody (DyLight488) (GTx113111-04) secondary antibody for FACS analysis.



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Goat Anti-Mouse IgG antibody (DyLight594)

Cat. No. GTX213111-05

Host	Goat
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P, IHC-Fr
Reactivity	Mouse

Reference (7)
Package
500 µl

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	1:100-1:1000

Not tested in other applications.

PROPERTIES

Form	Liquid
Buffer	PBS
Preservative	No preservative
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. Protect from light.
Concentration	2 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Highly purified whole mouse IgG
Purification	Purified by antigen-affinity chromatography.
Conjugation	DyLight594

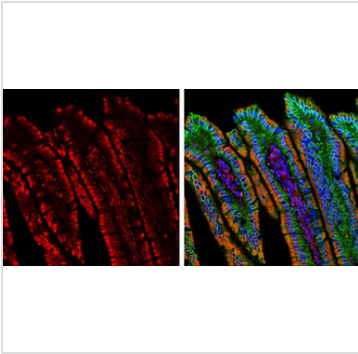
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DATA IMAGES

GTX213111-05 IHC-P Image

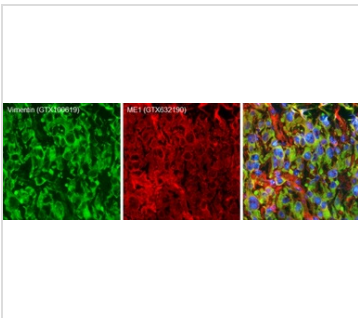
Double-labeled immunofluorescence photomicrographs of paraffin-embedded sections of mouse colon.

Red: alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:500. The signal was developed using goat anti-mouse IgG antibody (Dylight594) (GTX213111-05).

Green: E-Cadherin antibody (GTX100443) diluted at 1:500. The signal was developed using goat anti-rabbit IgG antibody (Dylight488) (GTX213110-04).

Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

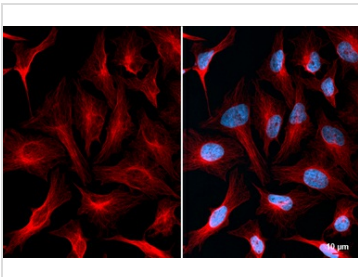

GTX213111-05 IHC-Fr Image

Double-labeled immunofluorescence photomicrographs of frozen sections of mouse brain.

Green: Vimentin antibody (GTX100619) diluted at 1:200. The signal was developed using goat anti-rabbit IgG antibody (Dylight488) (GTX213110-04).

Red: ME1 antibody [GT15611] (GTX632190) diluted at 1:200. The signal was developed using goat anti-mouse IgG antibody (Dylight594) (GTX213111-05).

Blue: Nuclear staining with Hoechst 33342.


GTX213111-05 ICC/IF Image

alpha Tubulin antibody [GT114] detects alpha Tubulin protein at cytoskeleton by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Red: alpha Tubulin stained by alpha Tubulin antibody (GTX628802) diluted at 1:1000.

The signal was developed using Mouse IgG antibody (DyLight594) (GTX213111-05) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTX30920).



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