GTX300120

Anti-Mouse IgG secondary antibody panel

References (9)

Product Content

Cat No	Product Name	Reactivity	Applications	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, FCM	30 µl
GTX213111-05	Goat Anti-Mouse IgG antibody (DyLight594)	Mouse	WB, ICC/IF, IHC-P, IHC-Fr	30 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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Goat Anti-Mouse IgG antibody (HRP)

Cat. No. GTX213111-01

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

References (469)
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
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 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	0.78 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	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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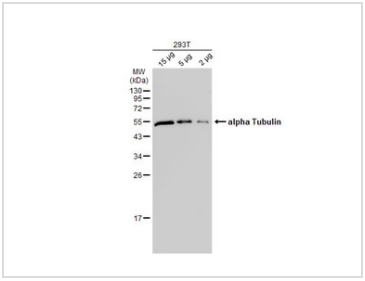
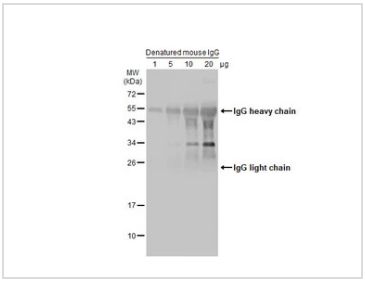
DATA IMAGES



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.



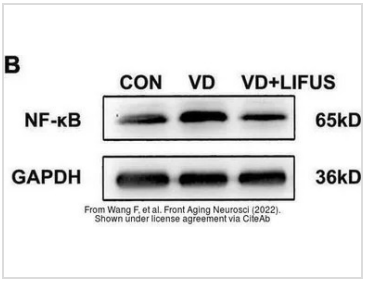
GTX213111-01 WB Image

Various amounts of denatured mouse IgG protein were separated by 12% SDS-PAGE, and the membrane was blotted with HRP-conjugated anti-mouse IgG antibody (GTX213111-01) diluted at 1:5000.



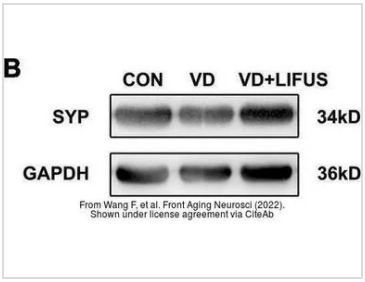
GTX213111-01 IHC-P Image

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



GTX213111-01 WB Image

The data was published in the 2022 in Front Aging Neurosci. PMID: 35264943

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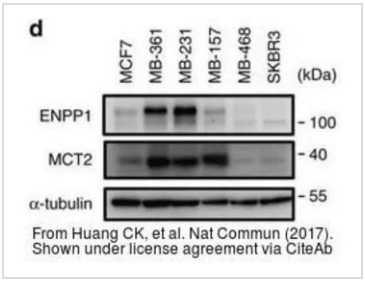
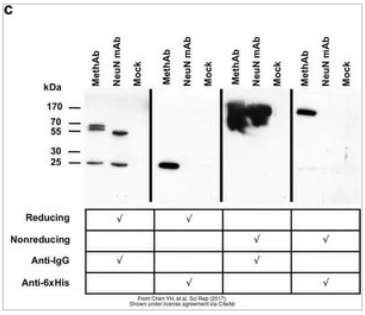


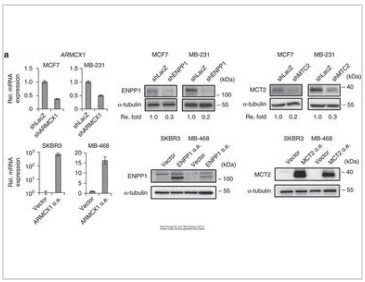
GTX213111-01 WB Image

The data was published in the 2017 in Nat Commun. PMID: 28281525



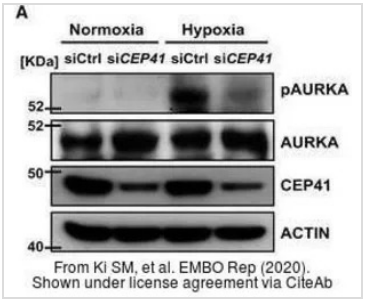
GTX213111-01 WB Image

The data was published in the 2017 in Sci Rep. PMID: 28387350



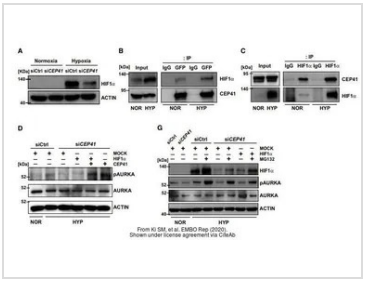
GTX213111-01 WB Image

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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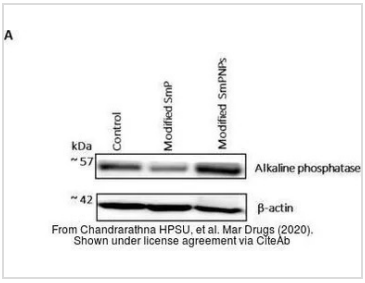
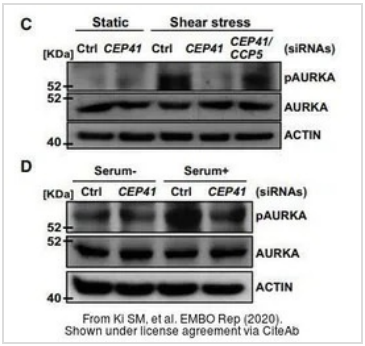


GTX213111-01 WB Image

The data was published in the journal Mar Drugs in 2020. PMID: 32245246



GTX213111-01 WB Image

The data was published in the journal EMBO Rep in 2020. PMID: 31885126

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Goat Anti-Mouse IgG antibody (DyLight488)

Cat. No. GTX213111-04

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

References (19)
Package
500 µl

Applications

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
FCM	Assay dependent
Note : Permeabilization : 0.1% saponin	

Not tested in other applications.

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 4ºC. For long-term storage, aliquot and store at -20ºC 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 Wavelength

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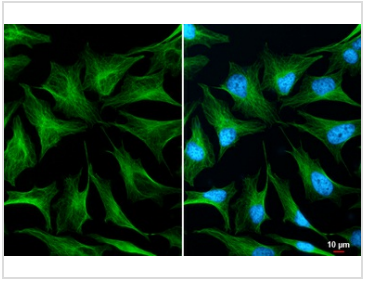
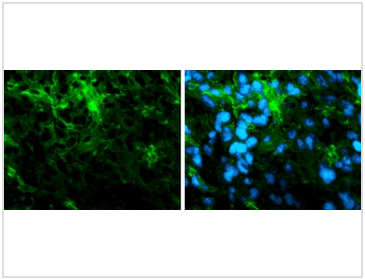


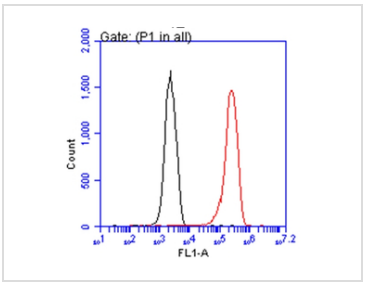
GTX213111-04 ICC/IF Image

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-rmouse IgG antibody (Dylight488) (GTX213111-04).
Blue: Nuclear staining with Hoechst 33342.



GTX213111-04 FCM 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
Applications	WB, ICC/IF, IHC-P, IHC-Fr
Reactivity	Mouse

References (18)
Package
500 µl

Applications

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 preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC 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 Wavelength
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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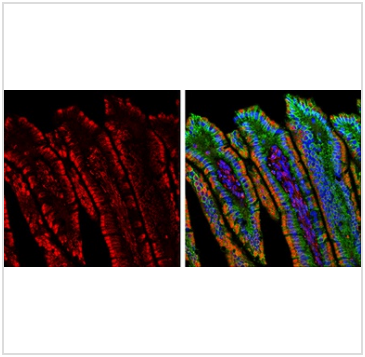
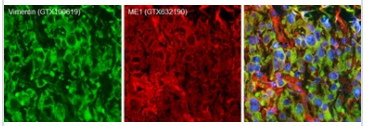


GTX213111-05 IHC-P Image

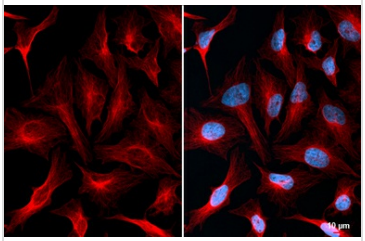
Double-labeled immunofluorescence photomicrographs of paraffin-embedded sections of mouse colon.
Red: alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:500. The signal was developed using goat anti-mouse IgG antibody (Dylight594) (GTX213111-05).
Green: E-Cadherin antibody (GTX100443) diluted at 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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