

GTX300120

## Anti-Mouse IgG secondary antibody panel

References ( 4 )

### 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

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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 ( 420 )

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 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

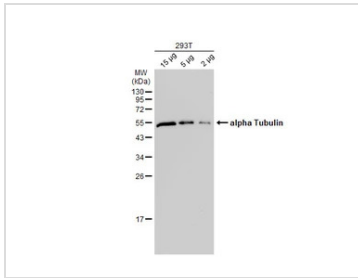
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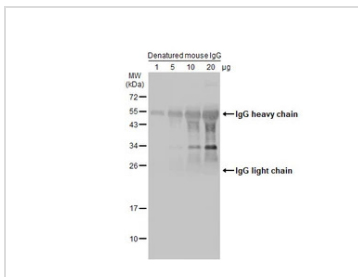
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## DATA IMAGES



**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-mouse IgG antibody (GTX213111-01) diluted at 1:5000.



**GTX213111-01 IHC-P Image**

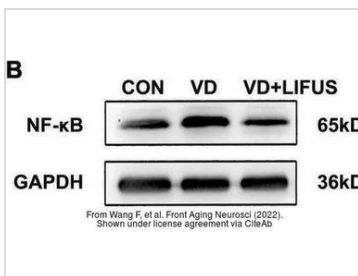
E2F1 antibody [16G7] detects E2F1 protein at nucleus in mouse cervix by immunohistochemical analysis.

Sample: Paraffin-embedded mouse cervix.

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

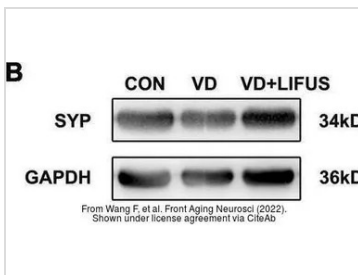
The signal was developed by Mouse IgG antibody (HRP) (GTX213111-01).

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](#)

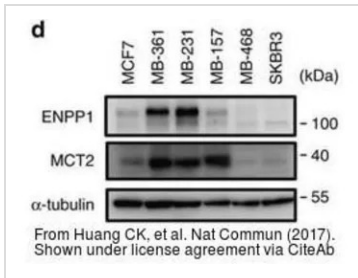


**GTX213111-01 WB Image**

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

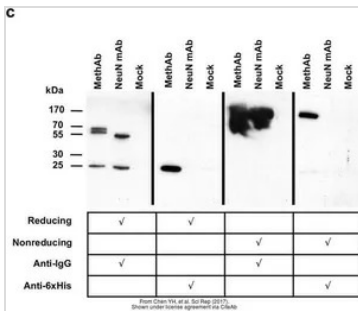


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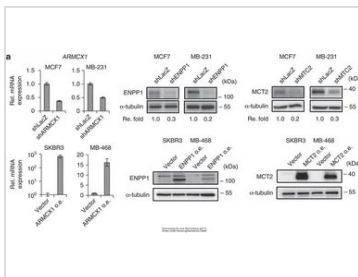
#### GTx213111-01 WB Image

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



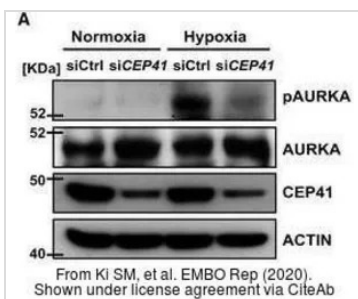
#### GTx213111-01 WB Image

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



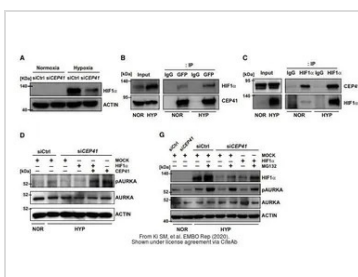
#### GTx213111-01 WB Image

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](#)

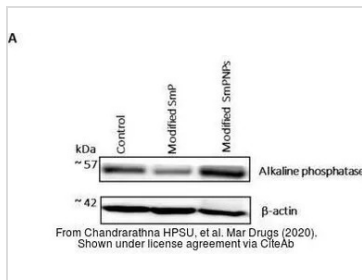


#### GTx213111-01 WB Image

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

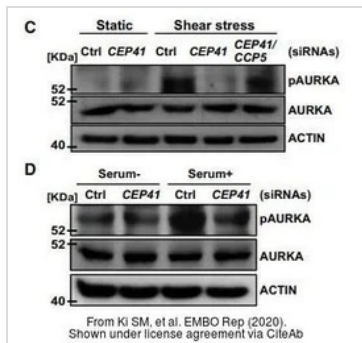


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#### GTX213111-01 WB Image

The data was published in the journal Mar Drugs in 2020. [PMID: 32245246](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**

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

References ( 11 )

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	1:50-1:1000

Not tested in other applications.

## Properties

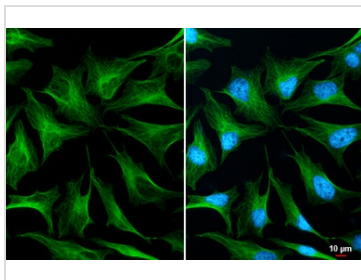
<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservatives
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. Protect from light.
<b>Concentration</b>	2 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Highly purified whole mouse IgG
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	DyLight488 <a href="#">Wavelength</a>

**Note**

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**DATA IMAGES**

**GTx213111-04 ICC/IF Image**

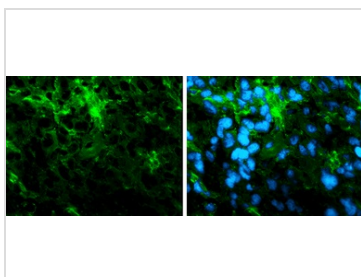
alpha Tubulin antibody [GT114] detects alpha Tubulin protein at cytoskeleton by immunofluorescent analysis.

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.

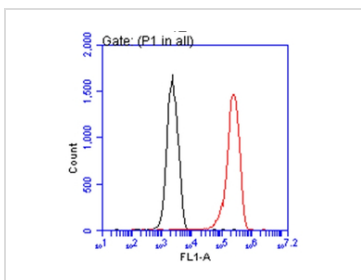
Blue: Fluoroshield with DAPI (GTx30920).


**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 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 ( 15 )

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 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 <a href="#">Wavelength</a>

## Note

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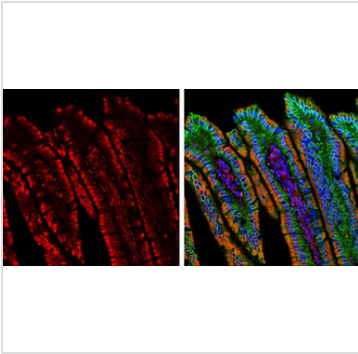
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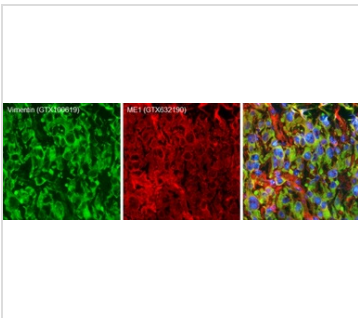
## DATA IMAGES



### GTX213111-05 IHC-P Image

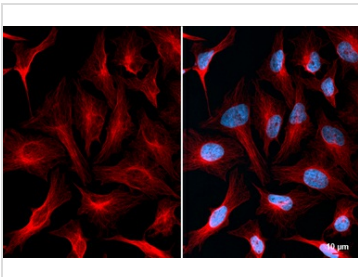
Double-labeled immunofluorescence photomicrographs of paraffin-embedded sections of mouse colon.  
 Red: alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:500. The signal was developed using goat anti-mouse IgG antibody (Dylight594) (GTX213111-05).  
 Green: E-Cadherin antibody (GTX100443) diluted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