

Goat Anti-Rabbit IgG antibody (DyLight488)

Cat. No. GTX213110-04

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

References (37)

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	1:100-1:1000
IHC-Fr	1:100-1:1000
IHC-Wm	1:100-1:500
FCM	1:50-1:1000

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 rabbit IgG
Purification	Purified by antigen-affinity chromatography.
Conjugation	DyLight488 Wavelength



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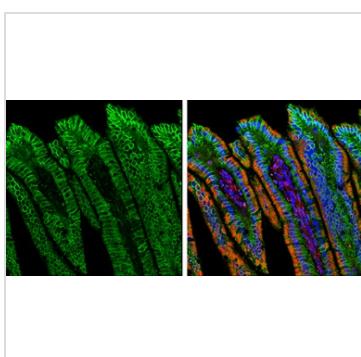
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Note

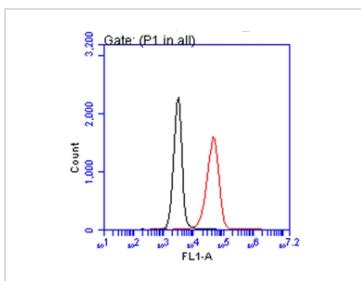
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DATA IMAGES

**GTX213110-04 IHC-P Image**

Double-labeled immunofluorescence photomicrographs of paraffin-embedded sections of mouse colon. Green: E-Cadherin antibody (GTX100443) diluted at 1:500. The signal was developed using goat anti-rabbit IgG antibody (Dylight488) (GTX213110-04). Red: alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:500. The signal was developed using goat anti-mouse IgG antibody (Dylight594) (GTX213111-05). Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

**GTX213110-04 FCM Image**

Glycican 1 antibody [N3C3] (GTX104557) detects Glycican 1 protein by flow cytometry analysis. Sample: A431 cell.

Black: Unlabelled sample was used as a control.

Red: Glycican 1 antibody [N3C3] (GTX104557) dilution: 1:50.

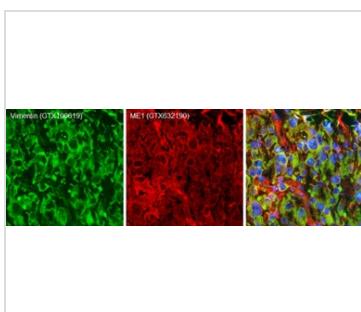
Acquisition of 20,000 events were collected using the Rabbit IgG (DyLight488) (GTX113110-04) secondary antibody for FACS analysis.

**GTX213110-04 IHC-Wm Image**

Whole mount immunohistochemical analysis of paraformaldehyde-fixed 2 day-post-fertilization zebrafish embryo using Pax2a antibody (GTX128127) detected by anti-rabbit IgG antibody (Dylight488) (GTX213110-04).

GTX128127 diluted at 1:100 and incubated overnight at 4°C.

GTX213110-04 diluted at 1:500 and incubated 3 hours at room temperature.

**GTX213110-04 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.



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