

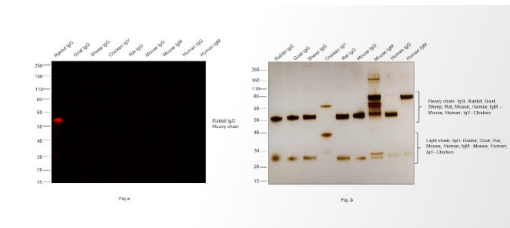
# Goat anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 635

Product Details	
Size	1 mg
Species Reactivity	Rabbit
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	Alexa Fluor™ 635
Excitation/Emission Max	633/648 nm
Immunogen	Gamma Immunoglobins Heavy and Light chains
Form	liquid
Concentration	2 mg/mL
Purification	purified
Storage buffer	PBS, pH 7.5
Contains	5mM sodium azide
Storage conditions	4° C, store in dark
RRID	AB_2536187

Applications	Tested Dilution	Publications
Western Blot (WB)	1:5,000-1:10,000	-
Immunohistochemistry (IHC)	1-10 µg/mL	-
Immunohistochemistry (Frozen) (IHC (F))	-	0 Publication
Immunocytochemistry (ICC/IF)	4 µg/mL	-
Miscellaneous PubMed (Misc)	-	0 Publication

**Product Specific Information**  
 Product will be shipped at Room Temperature.

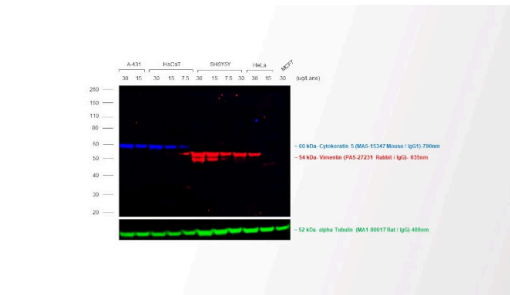
Product Images For Goat anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 635 635



**Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody (A-31577)**  
Specificity of secondary antibody was demonstrated by specific detection of the target immunoglobulin. Antibody specificity was demonstrated by specific detection of Rabbit IgG. A band at ~55 kDa corresponding to Rabbit IgG Heavy Chain was observed in Rabbit IgG but not in other species using Goat anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 635 (Product # A-31577) in Western Blot. {RE}

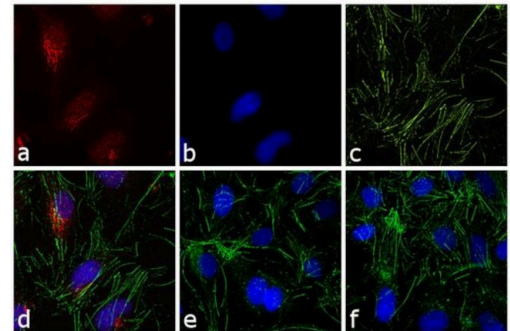
**Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody (A-31577) in WB**

Multiplexed fluorescent western blot was performed using Goat anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor 635 (Product # A-31577). Whole cell extracts of A-431 (Lane 1, 2), HaCaT (Lane 3, 4, 5), SH-SY5Y (Lane 6, 7, 8), HeLa (Lane 9, 10) and MCF7 (Lane 11) were electrophoresed usingNuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP03222BOX). Resolved proteins were transferred onto anitrocellulose membrane (Product # IB23001) byiBlot® 2 Dry BlottingSystem (Product # IB21001). The blot was probed with Cytokeratin 5 Monoclonal Antibody (3E2F1) (Product # MA5-15347), Vimentin Polyclonal Antibody (Product # PA5-27231) and alpha Tubulin Monoclonal Antibody (YL1/2) (Product # MA1-80017). Secondary antibodies (Product # A-11357, 1:20,000), (Product # A-31577, 1:10,000) and (Product # A48269, 1:10,000) were used for detection of Cytokeratin 5, Vimentin and alpha Tubulin respectively. Fluorescent detection was performed usingiBright™FL1500 (Product # A44115). The anti-rabbit secondary antibody (Product # A-31577) specifically detects the rabbit primary antibody.



**Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody (A-31577) in ICC/IF**

Immunofluorescence analysis of Goat anti-Rabbit IgG (H+L) Secondary Antibody, Alexa Fluor 635 was performed using HepG2 cells stained with alpha-1 antitrypsin Rabbit Polyclonal Primary Antibody (Product # PA5-16661). The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, blocked with 1% BSA for 1 hour and labeled with Rabbit primary antibody (1:250 dilution) 3 hours at room temperature. Goat anti-Rabbit IgG (H+L) Secondary Antibody, Alexa Fluor 635 (Product # A-31577) was used at a concentration of 4 µg/mL in phosphate buffered saline containing 0.2 % BSA for 45 minutes at room temperature, for detection of alpha-1 antitrypsin in the cytoplasm (Panel a: red). Nuclei (Panel b: blue) were stained with DAPI in SlowFade® Gold Antifade Mountant (Product # S36938). F-actin was stained with Alexa Fluor® 488 Phalloidin (Product # A12379, 1:300) (Panel c: green). Panel d represents the composite image. No nonspecific staining was observed with the secondary antibody alone (panel f), or with an isotype control (panel e). The images were captured at 60X magnification.



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Morphofunctional Investigation in a Transgenic Mouse Model of Alzheimer's Disease: Non-Reactive Astrocytes Are Involved in A Load and Reactive Astrocytes in Plaque Build-Up. Cells (2023)

A Three-Dimensional Primary Cortical Culture System Compatible with Transgenic Disease Models, Virally Mediated Fluorescence, and Live Microscopy. Methods Mol Biol (2023)

Changes in cortical endoplasmic reticulum clusters in the fertilized mouse oocyte†. Biol Reprod (2022)

The Protective Effect of CBD in a Model of In Vitro Ischemia May Be Mediated by Agonism on TRPV2 Channel and Microglia Activation. Int J Mol Sci (2022)

Sex differences in proliferation and attrition of pubertally born cells in the rat posterior dorsal medial amygdala. Dev Cogn Neurosci (2022)

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