

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

Product Details	
Size	1 mg
Species Reactivity	Mouse
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_2536184

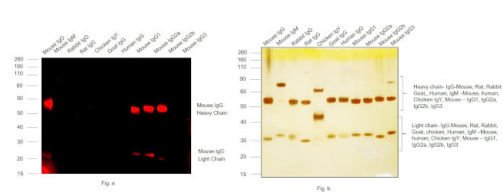
Applications	Tested Dilution	Publications
Western Blot (WB)	1:10,000	-
Immunohistochemistry (IHC)	1-10 µg/mL	0 Publication
Immunohistochemistry (Paraffin) (IHC (P))	-	0 Publication
Immunohistochemistry - Free Floating (IHC (Free))	-	0 Publication
Immunocytochemistry (ICC/IF)	1-10 µg/mL	0 Publication
ELISA (ELISA)	-	0 Publication
Dot blot (DB)	-	0 Publication
Miscellaneous PubMed (Misc)	-	0 Publication

Product Specific Information

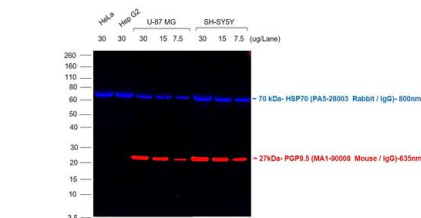
We also provide a version of this antibody that has been cross-adsorbed against additional species (A-31575).

Product will be shipped at Room Temperature.

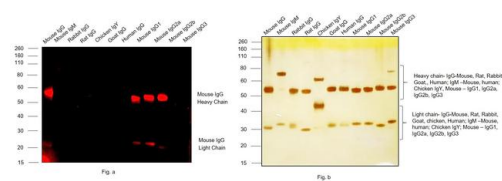
Product Images For Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 635



Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (A-31574)
Specificity of secondary antibody was demonstrated by specific detection of the target immunoglobulin. Antibody specificity was demonstrated by specific detection of Mouse IgG. Bands at ~55 and 25 kDa corresponding to Mouse IgG Heavy and Light Chain was observed in Mouse IgG but not in other species using Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 635 (Product # A-31574) in Western Blot. {RE}



Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (A-31574) in WB
Multiplexed fluorescent western blot was performed using Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 635 (Product # A-31574). Whole cell extracts of HeLa (Lane 1), Hep G2 (Lane 2), U-87 MG (Lane 3, 4, 5), SH-SY5Y (Lane 6, 7, 8) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP03222BOX). Resolved proteins were transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with PGP9.5 Monoclonal Antibody (13C4) (Product # MA1-90008) and HSP70 Polyclonal Antibody (Product # PA5-28003). Secondary antibodies (Product # A-21037, 1:10000 dilution) and (Product # A32808, 1:20000 dilution) were used for detection of PGP9.5 and HSP70 respectively. Fluorescent detection was performed using iBright FL1500 (Product # A44115). Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 635 (Product # A-31574) specifically detects the mouse primary antibody.



Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (A-31574) in WB
Western blot was performed using Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 635 (Product # A-31574) and ~55, 25 kDa bands corresponding to Mouse IgG Heavy and Light Chain were observed in Mouse IgG, Mouse IgG1, Mouse IgG2a, Mouse IgG2b but not in Mouse IgM, Rabbit IgG, Rat IgG, Chicken IgY, Goat IgG, Human IgG and Mouse IgG3. Purified protein (100 ng) of Mouse IgG (Lane 1), Mouse IgM (Lane 2), Rabbit IgG (Lane 3), Rat IgG (Lane 4), Chicken IgY (Lane 5), Goat IgG (Lane 6) Human IgG (Lane 7), Mouse IgG1 (Lane 8), Mouse IgG2a (Lane 9), Mouse IgG2b (Lane 10) and Mouse IgG3 (Lane 11) (Fig. a) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP03222BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 635 (Product # A-31574, 1:2000 dilution) and detected using the iBright FL1500 (Product # A44115). Silver staining was performed to establish equivalent loading of purified proteins using the Pierce™ Silver Stain Kit (Product # 24612) (Fig. b).

View more figures on thermofisher.cn

Genetically-encoded markers for confocal visualization of single dense core vesicles. Commun Biol (2025)

Intraneuronal binding of amyloid beta with reelin-Implications for the onset of Alzheimer's disease. PLoS Comput Biol (2025)

Intra-tumoral YAP and TAZ heterogeneity drives collective NSCLC invasion that is targeted by SUMOylation inhibitor TAK-981. iScience (2024)

Stable primary brain cell cultures from zebrafish reveal hyperproliferation of non-neuronal cells fromscn1labmutants bioRxiv (2024)

Unveiling the double-edged sword: SOD1 trimers possess tissue-selective toxicity and bind septin-7 in motor neuron-like cells bioRxiv (2024)

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.