

Rabbit anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 568

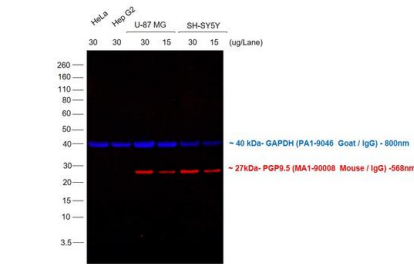
| Product Details | |
|-------------------------|--|
| Size | 1 mg |
| Species Reactivity | Mouse |
| Host/Isotype | Rabbit / IgG |
| Class | Polyclonal |
| Type | Secondary Antibody |
| Conjugate | Alexa Fluor™ 568 |
| Excitation/Emission Max | 579/603 nm |
| Immunogen | Gamma Immunoglobins Heavy and 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_2534108 |

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

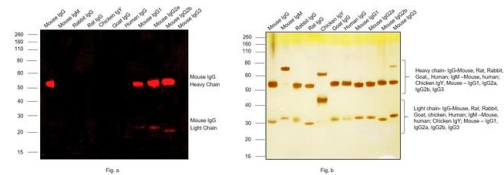
Product Specific Information

Product will be shipped at Room Temperature.

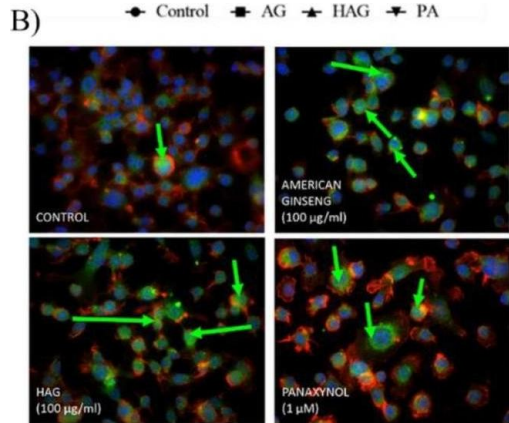
Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (A-11061) in WB
Multiplexed fluorescent western blot was performed using Rabbit anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 568 (Product # A-11061). Whole cell extracts of HeLa (Lane 1), Hep G2 (Lane 2), U-87 MG (Lane 3, 4), SH-SY5Y (Lane 5, 6) 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 GAPDH Polyclonal Antibody (Product # PA1-9046). Secondary antibodies (Product # A-11061, 1:10000 dilution) and (Product # A32930, 1:20000 dilution) were used for detection of PGP9.5 and GAPDH respectively. Fluorescent detection was performed using iBright FL1500 (Product # A44115). Rabbit anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 568 (Product # A-11061) specifically detects the mouse primary antibody.



Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (A-11061) in WB
Western blot was performed using Rabbit anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 568 (Product # A-11061) and ~50, 25 kDa bands corresponding to Mouse IgG Heavy Chain was 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. 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) and Mouse IgG3 (Lane 10) (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 Rabbit anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 568 (Product # A-11061, 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).



Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (A-11061) in ICC/IF
American ginseng (AG), hexane fraction of American ginseng (HAG), and panaxynol (PA) activate Nrf2 pathway and decrease reactive oxygen species (ROS) in vitro. (A) An oxidative burst in ANA-1 mouse m is suppressed by pretreatment with AG (100 µg/mL), HAG (100 µg/mL), and PA (0.25 µg/mL). The protocol is described in the Methods section. (B) AG, HAG, and PA induce translocation of Nrf2 into the nucleus. ANA-1 cells were treated with AG (100 µg/mL), HAG (100 µg/mL), and PA (0.25 µg/mL = 1 µM) for 12 h. Representative images of immunofluorescence (n = 3). Green arrows indicate nuclei with Nrf2 expression. (C) AG, HAG, and PA increase the expression of HO-1. Western blot image of ANA-1 cells treated with indicated doses of AG, HAG, and PA for 12 h. C—control sample: non-treated ANA-1 cells. (D,E) Twelve-hour incubation with AG (100 µg/mL), HAG (100 µg/mL), and PA (0.25 µg/mL) increases the expression of HO-1 (D) and Nrf2 (E) in ANA-1 cells. RT-qPCR data is cumulative of three separate experiments. (F,G) AG, HAG, and PA activate Nrf2 pathway in HCT-116 cells in the presence of activated m. HCT-116 cells were pretreated with AG (100 µg/mL), HAG (100 µg/mL) and PA (0.25 µg/mL) and co-cultured with activated ANA-1 (10 ng/mL IFN-) for 3 h and separated for qPCR. p-values—*—>0.05, **—>0.005, ***—>0.001, ****—>0.0001. Image collected and cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/32575883>), licensed under a CC BY license.



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RECQ4-MUS81 interaction contributes to telomere maintenance with implications to Rothmund-Thomson syndrome. *Nat Commun* (2025)

Bioactive hydrogels based on lysine dendrigrafts as crosslinkers: tailoring elastic properties to influence hMSC osteogenic differentiation. *J Mater Chem B* (2024)

TMEM100 acts as a TAK1 receptor that prevents pathological cardiac hypertrophy progression. *Cell Commun Signal* (2024)

Involvement of Inflammatory Cytokines, Renal NaPi-IIa Cotransporter, and TRAIL Induced-Apoptosis in Experimental Malaria-Associated Acute Kidney Injury. *Pathogens* (2024)

A fatty acid anabolic pathway in specialized-cells sustains a remote signal that controls egg activation in *Drosophila*. *PLoS Genet* (2024)

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