

Goat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 790

Product Details	
Size	1 mg
Species Reactivity	Rabbit
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	Alexa Fluor™ 790
Excitation/Emission Max	782/805 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	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. Store in the dark.
RRID	AB_2534141

Applications	Tested Dilution	Publications
Western Blot (WB)	1:20,000	0 Publication
Immunocytochemistry (ICC/IF)	1-10 µg/mL	-
Flow Cytometry (Flow)	1-10 µg/mL	-

Product Specific Information

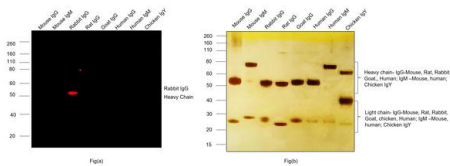
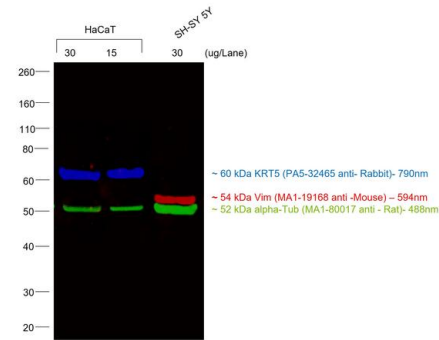
Product will be shipped at Room Temperature.

Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody (A11367) in WB

Multiplexed fluorescent western blot was performed using Goat anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 790 (Product # A11367). Whole cell extracts of HaCaT (Lane 1, 2) and SH-SY 5Y (Lane 3) 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 Polyclonal Antibody (Product # PA5-32465), Vimentin Monoclonal Antibody (Product # MA1-19168) and alpha Tubulin Monoclonal Antibody (YL1/2) (Product # MA1-80017). Secondary antibodies (Product # A32808, 1:20000 dilution), (Product # A11367, 1:10000 dilution), and (Product # A48269, 1:20000 dilution) were used for detection of KRT5, Vim and Alpha-Tub respectively. Fluorescent detection was performed usingiBrightFL1500 (Product # A44115). The anti-rabbit secondary antibody (Product # A11367) specifically detects the rabbit primary antibody.

Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody (A11367) in WB

Western blot was performed using Goat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 790 (Product # A11367) and ~50 kDa bandcorresponding to Rabbit IgG Heavy Chain was observed in Rabbit IgG, but not in Mouse IgG, Mouse IgM, Rat IgG, Goat IgG, Human IgG, Human IgM and Chicken IgY. Purified protein (100 ng) of Mouse IgG (Lane 1), Mouse IgM (Lane 2),Rabbit IgG(Lane 3), Rat IgG (Lane 4), Goat IgG (Lane 5) Human IgG (Lane 6), Human IgM (Lane 7) and Chicken IgY (Lane 8) (Fig a) wereelectrophoresed usingNuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP03222BOX). Resolved proteins were then transferred onto a nitrocellulose membrane(Product # IB23001) byiBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed withGoat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 790 (Product # A11367, 1:10000 dilution) and detected using theiBrightFL1500 (Product # A44115). Silver staining was performed to establish equivalent loading of purified proteins using the Pierce™ Silver Stain Kit (Product # 24612) (Fig b).



11 References

FAZ assembly in bloodstream form Trypanosoma brucei requires kinesin KIN-E. Mol Biol Cell (2023)

Molecular crowding and RNA synergize to promote phase separation, microtubule interaction, and seeding of Tau condensates. EMBO J (2022)

Eukaryotic initiation factor 6 regulates mechanical responses in endothelial cells. J Cell Biol (2022)

Native proline-rich motifs exploit sequence context to target actin-remodeling Ena/VASP protein ENAH. Elife (2022)

Senataxin and RNase H2 act redundantly to suppress genome instability during class switch recombination bioRxiv (2021)

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