

Goat anti-Rabbit IgG (H+L) Highly 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	4° C, store in dark
RRID	AB_2534142

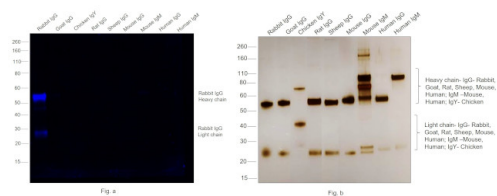
Applications	Tested Dilution	Publications
Western Blot (WB)	1:5,000-1:10,000	0 Publication
Immunocytochemistry (ICC/IF)	1-10 µg/mL	-
Flow Cytometry (Flow)	1-10 µg/mL	-
Miscellaneous PubMed (Misc)	-	0 Publication

Product Specific Information

This secondary antibody is designed for fluorescent Western blot detection on various near-infrared fluorescence instruments. This antibody can be used for multi-color and multiplexing detection when using other antibodies conjugated to compatible Alexa Fluor™ dyes and wavelengths. Other applications of this antibody include immunofluorescent and fluorescent imaging applications when using instrumentation with appropriate excitation and detection capabilities.

Product will be shipped at Room Temperature.

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

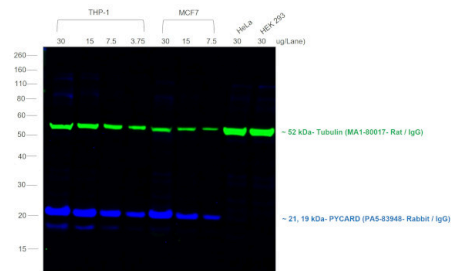


Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody (A11369)

Specificity of secondary antibody was demonstrated by specific detection of the target immunoglobulin. Antibody specificity was demonstrated by specific detection of Rabbit IgG. Bands at ~55 and 25 kDa corresponding to Rabbit IgG Heavy and Light Chain were observed in Rabbit IgG but not in other species using Goat anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 790 (Product # A11369) in Western Blot. {RE}

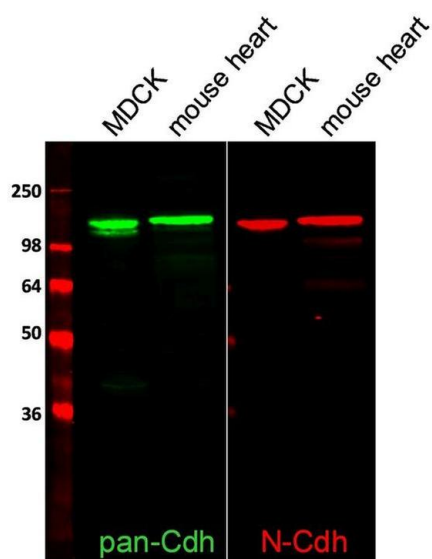
Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody (A11369) in WB

Multiplexed fluorescent western blot was performed using Goat anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 790 (Product # A11369). Membrane extracts of THP-1 (Lane 1, 2, 3, 4), MCF7 (Lane 5, 6, 7), HeLa (Lane 8), and HEK-293 (Lane 9) were electrophoresed using NuPAGE™ 12% Bis-Tris Protein Gel (Product # NP0341BOX). Resolved proteins were transferred onto nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with PYCARD Polyclonal Antibody (Product # PA5-83948), and alpha Tubulin Monoclonal Antibody (YL1/2) (Product # MA1-80017). Secondary antibodies (Product # A11369, 1:10,000), and (Product # A48269, 1:10,000) were used for detection of PYCARD, and GAPDH respectively. Fluorescent detection was performed using iBright™ FL1500 (Product # A44115). The anti-rabbit secondary antibody (Product # A11369) specifically detects the rabbit primary antibody.



Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody (A11369) in WB

Goat anti-Rabbit IgG (H+L) Alexa Fluor 790 Secondary Antibody in WB Western blot analysis of total Cadherin and N-Cadherin was performed by loading 2 µL SeeBlue® Plus2 Prestained Protein Ladder (Product # LC5925), 50 µg of MDCK cell lysates and 10 µg mouse heart lysate per well onto a 4-20% Tris-HCl polyacrylamide gel. Proteins were transferred to a nitrocellulose membrane and blocked with 1% BSA/TBST for at least 1 hour at room temperature. Total cadherin was detected using a rabbit antibody (Product # 71-7100) and N-Cadherin was detected using a mouse antibody (Product # 33-3900), both at a concentration of 1 µg/mL in blocking buffer overnight at 4°C on a rocking platform. The blot was then incubated with goat anti-rabbit IgG-Alexa Fluor 790 secondary antibody (Product # A11369) and goat anti-mouse IgG-Alexa Fluor 680 secondary antibody (Product # A-21058) at a dilution of 1:10,000 for at least 1 hour. Fluorescent detection was performed using the Odyssey® CLx imaging system (Li-cor Biosciences). Images generated by Joell Solan in Paul Lampe Lab at Fred Hutchinson Cancer Research Center.



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48 References

Triiodothyronine treatment in mice improves stroke outcome and reduces blood-brain barrier damage. Eur Thyroid J (2025)

Pro-efferocytic nanotherapies reduce vascular inflammation without inducing anemia in a large animal model of atherosclerosis. Nat Commun (2024)

Tryptophan As a New Member of RNA-Induced Silencing Complexes Prevents Colon Cancer Liver Metastasis. Adv Sci (Weinh) (2024)

Let-7restrains an oncogenic epigenetic circuit in AT2 cells to prevent ectopic formation of fibrogenic transitional cell intermediates and pulmonary fibrosis bioRxiv (2024)

BPP43_05035 is aBrachyspira pilosicoli cell surface adhesin that weakens the integrity of the epithelial barrier during infection bioRxiv (2024)

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