

Goat anti-Syrian Hamster IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 647

Product Details	
Size	1 mg
Species Reactivity	Hamster
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	Alexa Fluor™ 647
Excitation/Emission Max	650/671 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_2535868

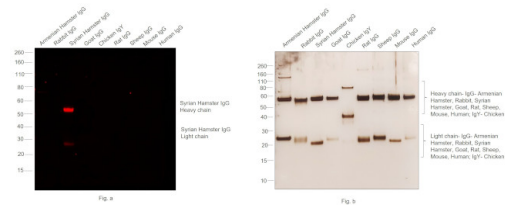
Applications	Tested Dilution	Publications
Western Blot (WB)	1:3,000-1:5,000	-
Immunohistochemistry (IHC)	1-10 µg/mL	0 Publication
Immunocytochemistry (ICC/IF)	1-10 µg/mL	-
Miscellaneous PubMed (Misc)	-	0 Publication

Product Specific Information

Fluorescence of this long-wavelength Alexa Fluor dye is not visible by looking through a conventional fluorescence microscope.

Product will be shipped at Room Temperature.

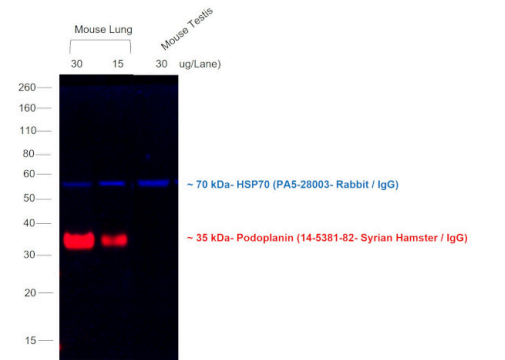
Product Images For Goat anti-Syrian Hamster IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 647



Syrian Hamster IgG (H+L) Cross-Adsorbed Secondary Antibody (A-21451)
Specificity of secondary antibody was demonstrated by specific detection of the target immunoglobulin. Antibody specificity was demonstrated by specific detection of syrian hamster IgG. Bands at ~55, 25 kDa corresponding to syrian hamster heavy and light chain were observed in syrian hamster IgG but not in other species using Goat anti-Hamster IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 647 (Product # A-21451) in Western Blot. {RE}

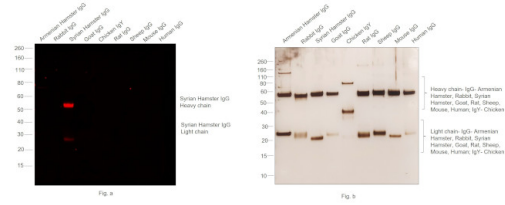
Syrian Hamster IgG (H+L) Cross-Adsorbed Secondary Antibody (A-21451) in WB

Fluorescent western blot was performed using Goat anti-Syrian Hamster IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 647 (Product # A-21451). Tissue extracts of Mouse Lung (Lane 1, 2), and Mouse Testis (Lane 3) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP03221BOX). Resolved proteins were transferred onto nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with Podoplanin Monoclonal Antibody (eBio8.1.1 (8.1.1)), eBioscience™ (Product # 14-5381-82), and HSP70 Polyclonal Antibody (Product # PA5-28003). Secondary antibodies (Product # A-21451, 1:5000), and (Product # A32808, 1:20,000) were used for detection of Podoplanin, and HSP70 respectively. Fluorescent detection was performed using iBright™ FL1500 (Product # A44115). The anti-syrian hamster secondary antibody (Product # A-21451) specifically detects the syrian hamster primary antibody.



Syrian Hamster IgG (H+L) Cross-Adsorbed Secondary Antibody (A-21451) in WB

Western blot was performed using Goat anti-Syrian Hamster IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 647 (Product # A-21451) and 55, 25 kDa bands corresponding to Syrian Hamster IgG Heavy and Light Chain were observed in Syrian Hamster but not in Armenian Hamster IgG, Rabbit IgG, Syrian Hamster IgG, Goat IgG, Chicken IgY, Rat IgG, Sheep IgG, Mouse IgG and Human IgG. Purified protein (200 ng) of Armenian Hamster IgG (Lane 1), Rabbit IgG (Lane 2), Syrian Hamster IgG (Lane 3), Goat IgG (Lane 4), Chicken IgY (Lane 5), Rat IgG (Lane 6), Sheep IgG (Lane 7), Mouse IgG (Lane 8) and Human IgG (Lane 9) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0321BOX). 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-Syrian Hamster IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 647 (Product # A-21451, 1:3000) 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).



Group 2 innate lymphoid cells are a non-redundant source of interleukin-5 required for development and function of murine B1 cells. Nat Commun (2024)

Surfactant Protein-C Regulates Alveolar Type 2 Epithelial Cell Lineages via the CD74 Receptor. J Respir Biol Transl Med (2024)

TR activation confers AT2-to-AT1 cell differentiation and anti-fibrosis during lung repair via KLF2 and CEBPA. Nat Commun (2024)

Humanized L184Q Mutated Surfactant Protein C Gene Alters Alveolar Type 2 Epithelial Cell Fate. Int J Mol Sci (2024)

Apelin modulates inflammation and leukocyte recruitment in experimental autoimmune encephalomyelitis. Nat Commun (2024)

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