

Goat anti-Syrian Hamster IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 594

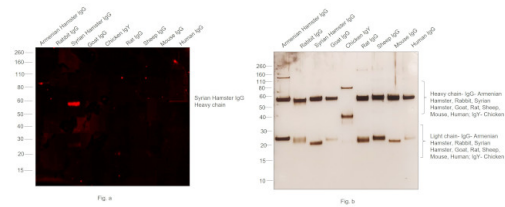
Product Details	
Size	1 mg
Species Reactivity	Hamster
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	Alexa Fluor™ 594
Excitation/Emission Max	590/618 nm
Immunogen	Gamma Immunoglobins Heavy and Light chains
Form	Liquid
Concentration	2 mg/mL
Purification	purified
Storage buffer	PBS, pH 7.5
Contains	5mM sodium azide
Storage conditions	4°C, store in dark
RRID	AB_2535762

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	0 Publication
Miscellaneous PubMed (Misc)	-	0 Publication

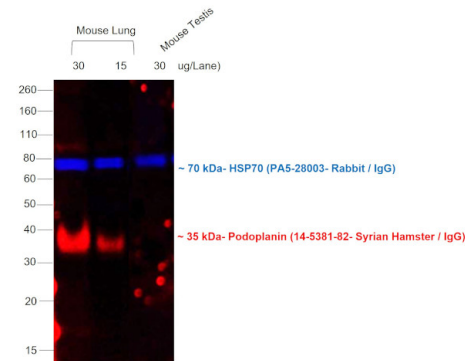
Product Specific Information

Product will be shipped at Room Temperature.

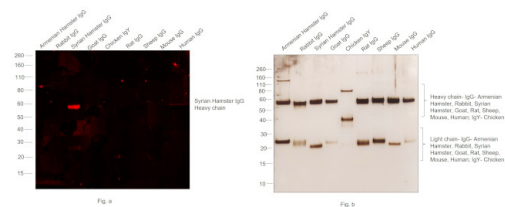
Product Images For Goat anti-Syrian Hamster IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 594



Syrian Hamster IgG (H+L) Cross-Adsorbed Secondary Antibody (A-21113)
Specificity of secondary antibody was demonstrated by specific detection of the target immunoglobulin. Antibody specificity was demonstrated by specific detection of Syrian Hamster IgG. A band at ~55 kDa corresponding to Syrian Hamster IgG Heavy Chain was observed in Syrian Hamster IgG but not in other species using Goat anti-Syrian Hamster IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 594 (Product # A-21113) in Western Blot. {RE}



Syrian Hamster IgG (H+L) Cross-Adsorbed Secondary Antibody (A-21113) in WB
Fluorescent western blot was performed using Goat anti-Syrian Hamster IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 594 (Product # A-21113). Tissue extracts of Mouse Lung (Lane 1, 2), and Mouse Testis (Lane 3) were electrophoresed usingNuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP03221BOX). Resolved proteins were transferred onto anitrocellulose membrane (Product # IB23001) byiBlot® 2 Dry BlottingSystem (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-21113, 1:5000 dilution), and (Product # A32808, 1:20,000 dilution) were used for detection of Podoplanin, and HSP70 respectively. Fluorescent detection was performed usingiBright™ FL1500 (Product # A44115). The anti-syrian hamster secondary antibody (Product # A-21113) specifically detects the syrian hamster primary antibody.



Syrian Hamster IgG (H+L) Cross-Adsorbed Secondary Antibody (A-21113) in WB
Western blot was performed using Goat anti-Syrian Hamster IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 594 (Product # A-21113) and 55 kDa bandcorresponding to Syrian Hamster IgG Heavy Chain was observed in Syrian Hamster but not in Armenian Hamster IgG, Rabbit 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) wereelectrophoresed usingNuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0321BOX). Resolved proteins were then transferred onto a nitrocellulose membrane(Product # IB23001) byiBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with Goat anti-Syrian Hamster IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 594 (Product # A-21113, 1:3000 dilution) and detected using theiBright™ FL1500 (Product # A44115). Silver staining was performed to establish equivalent loading of purified proteins using the Pierce™ Silver Stain Kit (Product # 24612) (Fig b).

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22 References

Piezo1 regulates meningeal lymphatic vessel drainage and alleviates excessive CSF accumulation. Nat Neurosci (2024)

Epithelial plasticity and innate immune activation promote lung tissue remodeling following respiratory viral infection. Nat Commun (2023)

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Alveolar cell fate selection and lifelong maintenance of AT2 cells by FGF signaling. Nat Commun (2022)

A diminished immune response underlies age-related SARS-CoV-2 pathologies. Cell Rep (2022)

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