

Goat anti-Chicken IgY (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 633

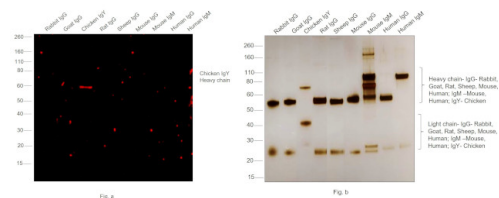
Product Details	
Size	1 mg
Species Reactivity	Chicken
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	Alexa Fluor™ 633
Excitation/Emission Max	631/650 nm
Immunogen	Gamma Immunoglobins Heavy and Light chains
Form	liquid
Concentration	2 mg/mL
Purification	purified
Storage buffer	PBS, pH 7.5
Contains	5mM sodium azide
Storage conditions	4° C, store in dark
RRID	AB_2535756

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

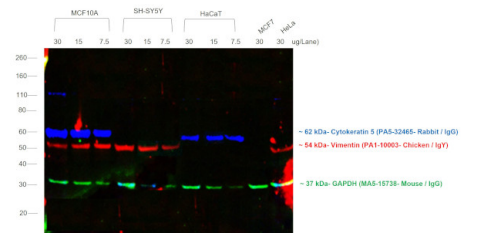
Product Specific Information

Fluorescence of this long-wavelength Alexa Fluor dye is not visible to the human eye but is readily detected by most imaging systems.

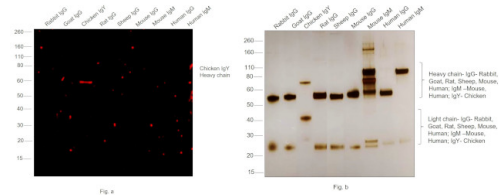
Product will be shipped at Room Temperature.



Chicken IgY (H+L) Cross-Adsorbed Secondary Antibody (A-21103)
Specificity of secondary antibody was demonstrated by specific detection of the target immunoglobulin. Antibody specificity was demonstrated by specific detection of Chicken IgY. A band at ~ 68 kDa corresponding to Chicken IgY Heavy Chain was observed in Chicken IgY but not in other species using Goat anti-Chicken IgY (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 633 (Product # A-21103) in Western Blot. {RE}



Chicken IgY (H+L) Cross-Adsorbed Secondary Antibody (A-21103) in WB
Multiplexed fluorescent western blot was performed using Goat anti-Chicken IgY (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 633 (Product # A-21103). Whole cell extracts of MCF10A (Lane 1, 2, 3), SH-SY5Y (Lane 4, 5, 6), HaCaT (Lane 7, 8, 9) MCF7 (Lane 10) and HeLa (Lane 11) were electrophoresed usingNuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were transferred onto nitrocellulose membrane (Product # IB23001) byiBlot® 2 Dry BlottingSystem (Product # IB21001). The blot was probed with Vimentin Polyclonal Antibody (Product # PA1-10003), Cytokeratin 5 Polyclonal Antibody (Product # PA5-32465), and GAPDH Loading Control Monoclonal Antibody (GA1R) (Product # MA5-15738). Secondary antibodies (Product # A-21103, 1:10,000 dilution), (Product # A-21077, 1:20,000 dilution), and (Product # A32766, 1:10,000 dilution) were used for detection of Vimentin, Cytokeratin 5, and GAPDH respectively. Fluorescent detection was performed usingiBright™ FL1500 (Product # A44115). The anti-chicken secondary antibody (Product # A-21103) specifically detects the chicken primary antibody.



Chicken IgY (H+L) Cross-Adsorbed Secondary Antibody (A-21103) in WB
Western blot was performed using Goat anti-Chicken IgY (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 633 (Product # A-21103) and a 67 kDa bandcorresponding to Chicken IgY Heavy Chain was observed in Chicken IgY but not in Rabbit IgG, Goat IgG, Rat IgG, Sheep IgG, Mouse IgG, Mouse IgM, Human IgG and Human IgM. Purified protein (100 ng) of Rabbit IgG(Lane 1), Goat IgG (Lane 2), Chicken IgY (Lane 3), Rat IgG (Lane 4), Sheep IgG (Lane 5), Mouse IgG (Lane 6), Mouse IgM (Lane 7), Human IgG (Lane 8), and Human IgM (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-Chicken IgY (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 633 (Product # A-21103, 1: 5000 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).

98 References

Vascular smooth muscle cell-derived nerve growth factor regulates sympathetic collateral branching to innervate blood vessels in embryonic skin. *Biol Open* (2024)

The Shank/ProSAP N-Terminal (SPN) Domain of Shank3 Regulates Targeting to Postsynaptic Sites and Postsynaptic Signaling. *Mol Neurobiol* (2024)

Astrocyte DNA damage and response upon acute exposure to ethanol and corticosterone. *Front Toxicol* (2024)

Apoptotic dysregulation mediates stem cell competition and tissue regeneration. *Nat Commun* (2023)

Synapsin autoantibodies during pregnancy are associated with fetal abnormalities. *Brain Behav Immun Health* (2023)

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