

Goat anti-Chicken IgY (H+L) Secondary Antibody, Alexa Fluor™ 555

Product Details

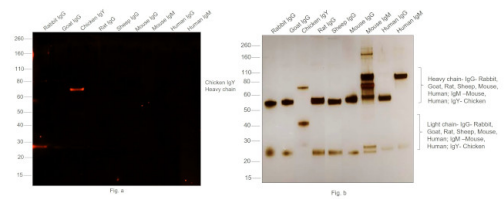
Size	1 mg
Species Reactivity	Chicken
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	Alexa Fluor™ 555
Excitation/Emission Max	553/568 nm
Immunogen	Gamma Immunoglobins Heavy and Light chains
Form	Liquid
Concentration	2 mg/mL
Purification	purified
Storage buffer	PBS, pH 7.5
Contains	5mM sodium azide
Storage conditions	4° C, store in dark
RRID	AB_2535858

Applications	Tested Dilution	Publications
Western Blot (WB)	1:5,000-1:10,000	-
Immunohistochemistry (IHC)	1-10 µg/mL	0 Publication
Immunohistochemistry (PFA fixed) (IHC (PFA))	-	0 Publication
Immunohistochemistry (Frozen) (IHC (F))	-	0 Publication
Immunocytochemistry (ICC/IF)	0.5-10 µg/mL	0 Publication
Miscellaneous PubMed (Misc)	-	0 Publication

Product Specific Information

Product will be shipped at Room Temperature.

Product Images For Goat anti-Chicken IgY (H+L) Secondary Antibody, Alexa Fluor™ 555

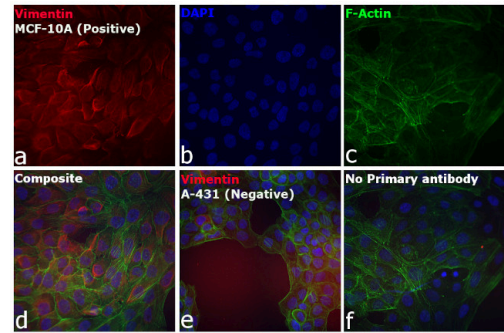


Chicken IgY (H+L) Secondary Antibody (A-21437)

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 ~67 kDa corresponding to Chicken IgY Heavy Chain was observed in Chicken IgY but not in other species using Goat anti-Chicken IgY (H+L) Secondary Antibody, Alexa Fluor™ 555 (Product # A-21437) in Western Blot. {RE}

Chicken IgY (H+L) Secondary Antibody (A-21437) in ICC/IF

Immunofluorescence analysis of Goat anti-Chicken IgY (H+L) Secondary Antibody, Alexa Fluor™ 555, (Product # A-21437) was performed using MCF 10A (positive model) and A-431 (negative model) cells stained with Vimentin Polyclonal antibody (Product # PA1-10003). The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, blocked with 2% BSA for 1 hour and labeled with 1:800 dilution of primary antibody at 4 degree celsius. Goat anti-Chicken IgY (H+L) Secondary Antibody, Alexa Fluor™ 555, (Product # A-21437, 1:2000 dilution) in 0.1% BSA in PBS for 45 minutes at room temperature, was used for detection of Vimentin in the cytoskeleton (Panel a: Red). Nuclei (Panel b: blue) were stained with Hoechst33342 (Product # H1399). F-actin was stained with Alexa Fluor® 488 Phalloidin (Product # A12379, 1:500) (Panel c: green). Panel d represents the composite image. The specificity of the secondary antibody was proved by the absence of signal in A-431 (negative model for Vimentin) due to no primary antibody binding (Panel e). Non-specific staining was not observed with secondary antibody alone (panel f). The images were captured at 40X magnification in CellInsight CX7 LZR High-Content Screening (HCS) Platform (Product # CX7A1110LZR) and externally deconvoluted (D.Sage et al./Methods 115 (2017) 28–41).



Chicken IgY (H+L) Secondary Antibody (A-21437) in ICC/IF

Immunofluorescent analysis of GFP Tag was performed using H3-GFP construct transfected in HEK-293E cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes and blocked with 2% BSA for 1 hour at room temperature. The cells were labeled with GFP Polyclonal Antibody (Product # A10262) at 1:100 dilution and Histone H3 Rabbit Polyclonal Antibody (Product # 711055) at 0.5 µg/mL in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Goat anti-Chicken IgY (H+L) Secondary Antibody, Alexa Fluor 555 (Product # A-21437) and Goat anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 647 (Product # A32733) respectively at a dilution of 1:2000 for 45 minutes at room temperature. Panel a (Nuclei: Green) represents GFP Polyclonal Antibody, a green pseudo-colour has been given after image capture. Panel b (Nuclei: Red) represents Histone H3. Panel c (Nuclei: Blue) represents ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). Panel d represents the merged image showing the co-localization of nuclear signals in transfected cells. Panel e represents untransfected HEK cells. Panel f represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.

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Cholesterol deficiency directs autophagy-dependent secretion of extracellular vesicles bioRxiv (2025)

ARMH3 is an ARL5 effector that promotes PI4KB-catalyzed PI4P synthesis at the trans-Golgi network. Nat Commun (2024)

Blockade of Crk eliminates Yki/YAP-activated tumors via JNK-mediated apoptosis in Drosophila. Commun Biol (2024)

Autoantibodies towards HFE and SYT5 in anti-neutrophil cytoplasm antibody-associated vasculitis relapse medRxiv (2024)

A dual-color PAX7 and MYF5 in vivo reporter to investigate muscle stem cell heterogeneity in regeneration and aging. Stem Cell Reports (2024)

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