

Donkey anti-Sheep IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 555

Product Details

Size	1 mg
Species Reactivity	Sheep
Host/Isotype	Donkey / 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_2535857

Applications

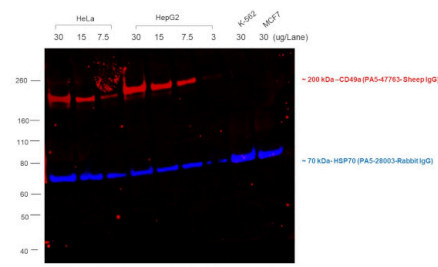
Tested Dilution

Publications

Western Blot (WB)	1:5,000	-
Immunohistochemistry (IHC)	1-10 µg/mL	0 Publication
Immunohistochemistry (Paraffin) (IHC (P))	-	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.

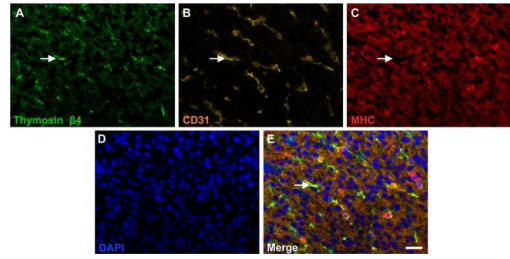
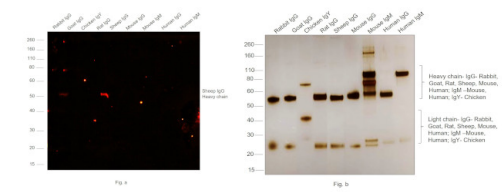


Sheep IgG (H+L) Cross-Adsorbed Secondary Antibody (A-21436) in WB

Multiplexed fluorescent western blot was performed using Donkey anti-Sheep IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 555 (Product # A-21436). Membrane enriched extracts of HeLa (Lane 1, 2, 3), HepG2 (Lane 4, 5, 6, 7), K-562 (Lane 8) and MCF-7 (Lane 9) were electrophoresed using NuPAGE™ 3-8% Tris-Acetate Protein Gel (Product # EA03752BOX). Resolved proteins were transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with CD49a Polyclonal Antibody (Product # PA5-47763), and HSP70 Polyclonal Antibody (Product # PA5-28003). Secondary antibodies (Product # A-21436, 1:5,000), and (Product # A11374, 1:20,000) were used for detection of CD49a and HSP70 respectively. Fluorescent detection was performed using iBright™ FL1500 (Product # A44115). The anti-sheep secondary antibody (Product # A-21436) specifically detects the sheep primary antibody.

Sheep IgG (H+L) Cross-Adsorbed Secondary Antibody (A-21436) in WB

Western blot was performed using Donkey anti-Sheep IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 555 (Product # A-21436) and a 55 kDa band corresponding to Sheep IgG Heavy Chain was observed in Sheep IgG but not in Rabbit IgG, Chicken IgY, Rat 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), Human IgM (Lane 9) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with Donkey anti-Sheep IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 555 (Product # A-21436, 1:5,000) 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). This antibody shows cross-reactivity with Goat IgG.



Sheep IgG (H+L) Cross-Adsorbed Secondary Antibody (A-21436) in IHC (P)

Thymosin-4 is primarily co-localised with CD31 in the ventricle wall. Triple fluorescent immunostaining of fetal ventricle sections for T4 (A), CD31 (B), an endothelial cell marker, and MHC (C). DAPI nuclear counterstain is also shown (D). The staining pattern of T4 is similar to that of CD31, with large areas of co-localisation (E). Neither T4 nor CD31 co-localises with MHC (closed arrows). Representative of six individual hearts (7-12 pcw). Scale bar = 40 µm. Image collected and cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/30412598>), licensed under a CC BY license.

- CEP44 and CCDC15 label the spermatozoa proximal and atypical distal centrioles. MicroPubl Biol (2025)
- Neonatal Brain Injury Triggers Niche-Specific Changes to Cellular Biogeography. Eneuro (2024)
- Bidirectional control of neurovascular coupling by cortical somatostatin interneurons bioRxiv (2024)
- Aberrant overexpression of myosin 1b in glioblastoma promotes angiogenesis via VEGF-myc-myosin 1b-Piezo1 axis. J Biol Chem (2024)
- Adeno-associated virus-based gene therapy treats inflammatory kidney disease in mice. J Clin Invest (2024)

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