

Donkey anti-Sheep IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 568

Product Details	
Size	1 mg
Species Reactivity	Sheep
Host/Isotype	Donkey / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	Alexa Fluor™ 568
Excitation/Emission Max	579/603 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_10055702

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

Product Specific Information

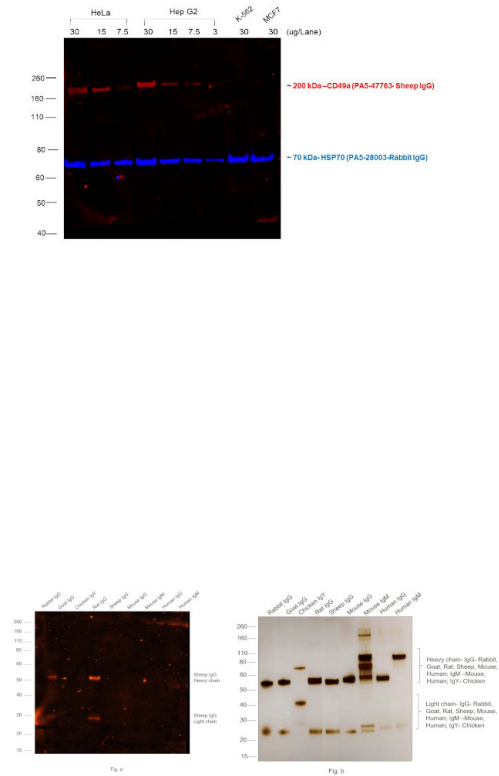
Product will be shipped at Room Temperature.

Sheep IgG (H+L) Cross-Adsorbed Secondary Antibody (A-21099) in WB

Multiplexed fluorescent western blot was performed using Donkey anti-Sheep IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 568 (Product # A-21099). Membrane enriched extracts of HeLa (Lane 1, 2, 3), HepG2 (Lane 4, 5, 6), K-562 (Lane 7) and MCF-7 (Lane 8) 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-21099, 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-21100) specifically detects the sheep primary antibody.

Sheep IgG (H+L) Cross-Adsorbed Secondary Antibody (A-21099) in WB

Western blot was performed using Donkey anti-Sheep IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 568 (Product # A-21099) and ~55, 25 kDa bands corresponding to Sheep IgG Heavy Chain and Light Chain were 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™ 568 (Product # A-21099, 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.



124 References

Androgen receptor inhibition extends PARP inhibitor activity in prostate cancer models beyond BRCA mutations and defects in homologous recombination repair bioRxiv (2025)

Magnetoelectric nanodiscs enable wireless transgene-free neuromodulation. Nat Nanotechnol (2025)

Targeted delivery of rhodopsin’s assembled core is required for outer segment extension in mouse rod photoreceptors bioRxiv (2024)

In vitro culture of cynomolgus monkey embryos from blastocyst to early organogenesis. Nat Protoc (2024)

TENM4 is an essential transduction component for touch and pain bioRxiv (2024)

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