

Donkey anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, DyLight™ 488

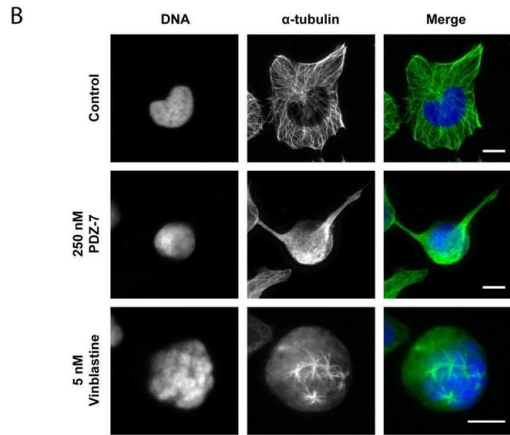
Product Details	
Size	500 µg
Species Reactivity	Mouse
Host/Isotype	Donkey / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	DyLight™ 488
Excitation/Emission Max	492/519 nm
Immunogen	Mouse IgG-heavy and light chain
Form	Liquid
Concentration	0.5 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 6.8 to 7.4, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C
RRID	AB_2556746

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:20,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:40-1:400	-
Immunocytochemistry (ICC/IF)	1:40-1:500	0 Publication
Flow Cytometry (Flow)	1:50-1:200	-
Immunoprecipitation (IP)	Assay-dependent	-

Product Specific Information

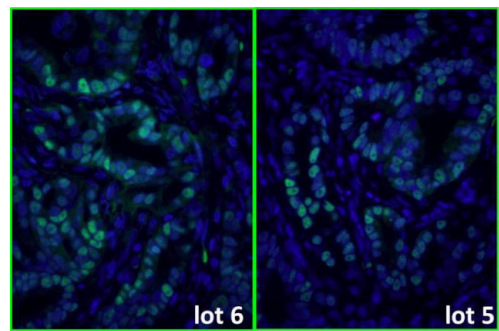
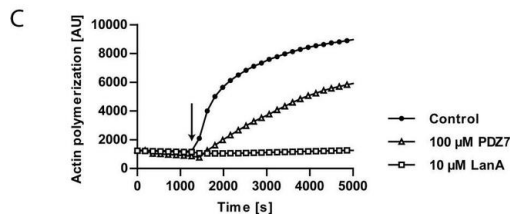
This antibody is cross-adsorbed and exhibits minimum reactivity to bovine, chicken, goat, human, rabbit, rat and sheep.

For Western blot applications, 5% non-fat dry milk in PBST or TBST is recommended for blocking and incubation of antibodies. BSA is not recommended.



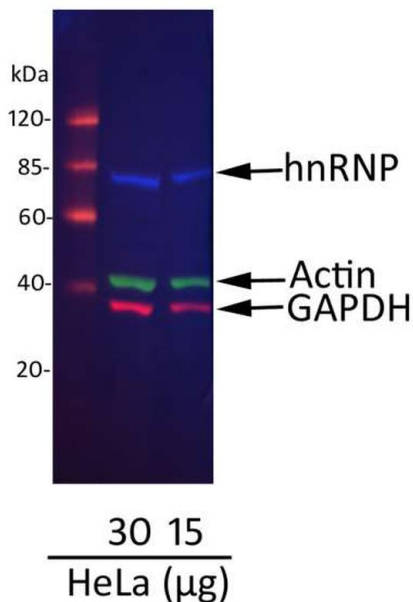
Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (SA5-10166) in ICC /IF

PDZ-7 causes cytoskeleton destabilization in A549 cells(A) Changes in phalloidin-stained F-actin cytoskeleton morphology and (B) changes in -tubulin cytoskeleton in A549 cells treated with 250 nM PDZ-7 for 24 hours. 10 M latrunculin A and 5 nM vinblastine were used as positive controls for A and B, respectively. Scale bar: 10 μm. (C) Polymerization of rabbit muscle G-actin to F-actin in the presence of ATP and DMSO (control) or studied drugs: 100 μM PDZ-7 or 10 μM latrunculin A (LanA). Arrow points to polymerization initiation. Note lower initial amount of F-actin in PDZ-7 sample, compared to control. Image collected and cropped by CiteAb from the following publication (<https://www.oncotarget.com/lookup/doi/10.18632/oncotarget.21806>), licensed under a CC BY license.



Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (SA5-10166) in IHC (P)

Immunohistochemistry detection of human p53 by immunofluorescence. Sample: FFPE section of human ovarian carcinoma. Primary Antibody: mouse anti-p53 (clone DO-1) used at a dilution of 1:100. Secondary Antibody: Green-fluorescent donkey anti-mouse IgG-heavy and light chain cross-adsorbed Antibody DyLight® 488 Conjugated (Product # SA5-10166) used at a dilution of 1:50 (10 μg/mL). Counterstain: DAPI (blue).



Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (SA5-10166) in WB

Western blot detection of hnRNP, Actin, and GAPDH in HeLa Whole Cell Lysate. Primary Antibodies: cocktail of mouse anti-hnRNP (Product # A500-011A; lot A500-011A-1), rabbit anti-actin (Product # A300-491A; lot A300-491A-5), and goat anti-GAPDH (Product # A303-878A; lot A303-878A-1) at 1 μg/mL each. Secondary Antibodies: cocktail of Dylight® 488-conjugated donkey anti-mouse (Product # SA5-10166; lot 5) (blue), Dylight® 680-conjugated donkey anti-rabbit (A120-208D6; lot A120-208D6-1) (green), and Dylight® 800-conjugated donkey anti-goat (A50-201D8; A50-201D8-1) (red) at 0.5 μg/mL each. Acquisition: Syngene G: Box, 34 seconds (blue), 20 seconds (green), and 50 seconds (red).

25 References

Infection of liver sinusoidal endothelial cells with Muromegalovirus muridbeta1 involves binding to neuropilin-1 and is dynamin-dependent. *Front Cell Infect Microbiol* (2023)

Transposable elements potentiate radiotherapy-induced cellular immune reactions via RIG-I-mediated virus-sensing pathways. *Commun Biol* (2023)

MX2 restricts HIV-1 and herpes simplex virus-1 by forming cytoplasmic biomolecular condensates that mimic nuclear pore complexes *bioRxiv* (2023)

The SHDRA syndrome-associated gene TMEM260 encodes a protein-specific O-mannosyltransferase. *Proc Natl Acad Sci U S A* (2023)

Lymphocyte deficiency alters the transcriptomes of oligodendrocytes, but not astrocytes or microglia. *PLoS One* (2023)

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