

Rabbit anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 633

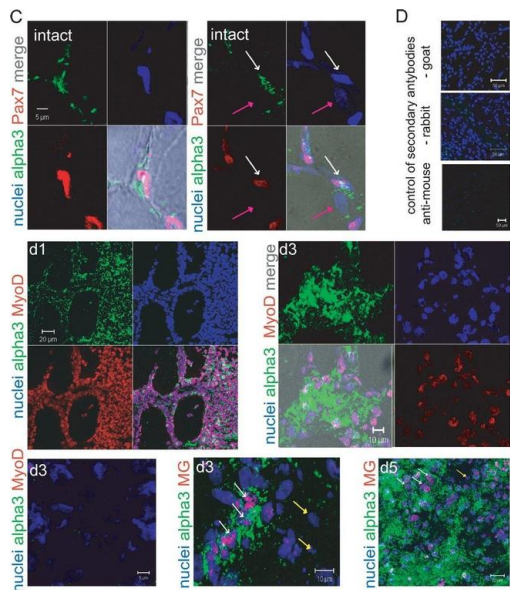
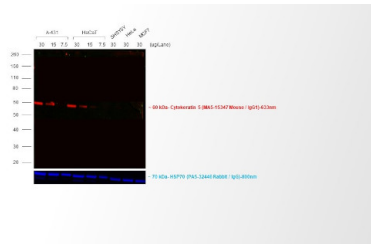
Product Details	
Size	1 mg
Species Reactivity	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	Alexa Fluor™ 633
Excitation/Emission Max	631/650 nm
Immunogen	Gamma Immunoglobins Heavy and Light chains
Form	Liquid
Concentration	2 mg/mL
Purification	purified
Storage buffer	PBS, pH 7.5
Contains	5mM sodium azide
Storage conditions	4° C, store in dark
RRID	AB_2535727

Applications	Tested Dilution	Publications
Western Blot (WB)	1:10,000	-
Immunohistochemistry (IHC)	1-10 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	-	0 Publication
Immunohistochemistry (PFA fixed) (IHC (PFA))	-	0 Publication
Immunocytochemistry (ICC/IF)	4 µg/mL	0 Publication
Flow Cytometry (Flow)	1-10 µg/mL	-

Product Specific Information

Product will be shipped at Room Temperature.

Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (A-21063) in WB
Multiplexed fluorescent western blot was performed using Rabbit anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 633 (Product # A-21063). Whole cell extracts of A-431 (Lane 1, 2, 3), HaCaT (Lane 4, 5,6), SH-SY5Y (Lane 7), HeLa (Lane 8) and MCF7 (Lane 9) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP03221BOX). Resolved proteins were transferred onto nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with Cytokeratin 5 Monoclonal Antibody (3E2F1) (Product # MA5-15347), and HSP70 Polyclonal Antibody (Product # PA5-32446). Secondary antibodies (Product # A-21063, 1:10,000 dilution), and (Product # SA5-35571, 1:10000 dilution) were used for detection of Cytokeratin 5, and HSP70 respectively. Fluorescent detection was performed using iBrightFL1500 (Product # A44115). The anti-mouse secondary antibody (Product # A-21063) specifically detects the mouse primary antibody.

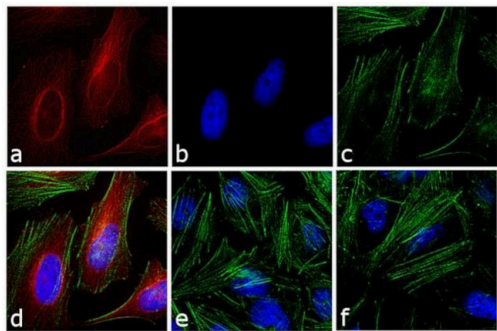


Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (A-21063) in IHC (PFA)

Changes in expression and localization of adhesion proteins during Soleus muscle regeneration. A - level of mRNAs encoding adhesion proteins analyzed by sqRT-PCR. Optical densities of representative bands are shown as a percentage of GAPDH band density taken as a 100%. B - localization of integrin alpha3 (red) in intact and in regenerating muscle at day 3, 5, 7, 14. Nuclei - blue. White arrows show degenerating myofibers. Scale bars 50 µm. C - colocalization of Pax7, MyoD, myogenin (MG) (red) with integrin alpha3 (green) in intact muscle and at day 1, 3 and 5 of regeneration (intact, d1, d3, d5 respectively). White arrows - myoblasts, pink - muscle fiber nuclei, yellow - MyoD, myogenin and integrin alpha3 negative cells. D - control staining with secondary antibodies only. Nuclei - blue. Scale bars 50 µm. E - localization of integrin beta1, ADAM12, CD9, or M-cadherin (green) at day 3 of regeneration. Nuclei - blue. Scale bars 50 µm. F - immunoblotting analysis of M-cadherin (M-cad), integrin beta1, ADAM12 (AD12), CD9 and integrin alpha3 level during muscle regeneration (days 1, 3, 7, 14). Image collected and cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/23671573>), licensed under a CC BY license.

Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (A-21063) in ICC/IF

Immunofluorescence analysis of Rabbit anti-Mouse IgG (H+L) Secondary Antibody, Alexa Fluor 633 (Product # A-21063) was performed using HeLa cells stained with alpha Tubulin (236-10501) Mouse Monoclonal Antibody (Product # A11126). The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, blocked with 1% BSA for 1 hour and labeled with mouse primary antibody (1:250 dilution) for 3 hours at room temperature. Rabbit anti-Mouse IgG (H+L) Secondary Antibody, Alexa Fluor 633 was used at concentration of 4µg/mL in phosphate buffered saline containing 0.2 % BSA for 45 minutes at room temperature, for detection of alpha Tubulin in the cytoplasm (Panel a: green). Nuclei (Panel b: blue) were stained with DAPI in SlowFade® Gold Antifade Mountant (Product # S36938). F-actin was stained with Alexa Fluor® 488 Phalloidin (Product # A12379, 1:300) (Panel c: red). Panel d represents the composite image. No nonspecific staining was observed with the secondary antibody alone (panel f), or with an isotype control (panel e). The images were captured at 60X magnification.



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27 References

Single-cell sequencing of tumor-associated macrophages in a *Drosophila* model. *Front Immunol* (2023)

Multi-level Fgf4- and apoptosis-dependent regulatory mechanism ensures the plasticity of ESC-chimaeric mouse embryo. *Development* (2023)

TIM-3 increases the abundance of type-2 dendritic cells during *Leishmania donovani* infection by enhancing IL-10 production via STAT3. *Cell Death Dis* (2023)

Paracrine interactions through FGFR1 and FGFR2 receptors regulate the development of preimplantation mouse chimaeric embryo. *Open Biol* (2022)

Stress-inducible phosphoprotein 1 (HOP/STI1/STIP1) regulates the accumulation and toxicity of α -synuclein in vivo. *Acta Neuropathol* (2022)

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