Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 405

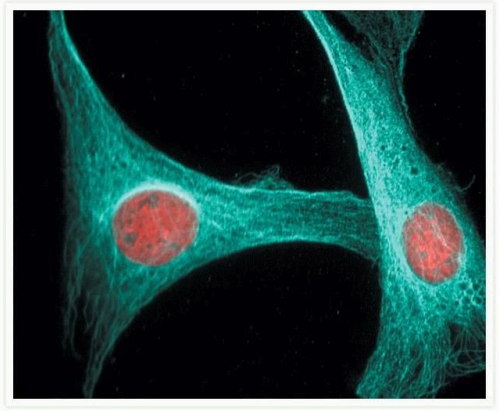
Product Details	
Size	1 mg
Species Reactivity	Mouse
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	Alexa Fluor™ 405
Excitation/Emission Max	401/422 nm
Immunogen	Gamma Immunoglobins Heavy and Light chains
Form	Liquid
Concentration	2 mg/mL
Purification	purified
Storage buffer	PBS, pH 7.5
Contains	5mM sodium azide
Storage conditions	4° C, store in dark
RRID	AB_221604

Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	1-10 µg/mL	0 Publication
Immunohistochemistry (Frozen) (IHC (F))	-	0 Publication
Immunocytochemistry (ICC/IF)	1-10 µg/mL	0 Publication
Flow Cytometry (Flow)	1-10 µg/mL	-
Miscellaneous PubMed (Misc)	-	0 Publication

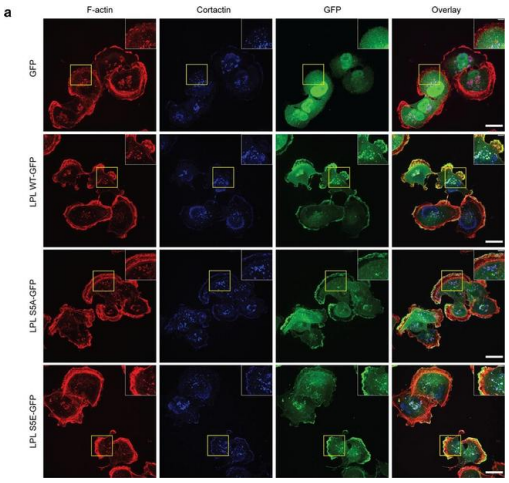
Product Specific Information

Product will be shipped at Room Temperature.

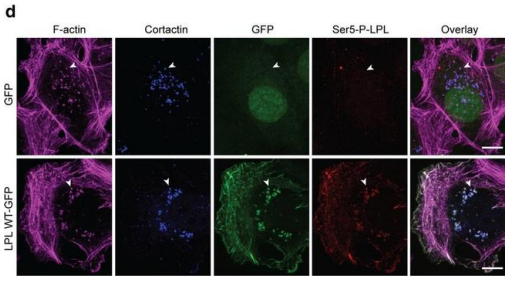
Product Images For Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 405



Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (A-31553) in ICC/IF
Microtubules of NIH 3T3 cells labeled with mouse anti-a-tubulin monoclonal IgG₁ antibody (Product # A11126) and visualized with blue-fluorescent Alexa Fluor® 405 goat anti-mouse IgG antibody (Product # A-31553). Nuclei were stained with red-fluorescent propidium iodide (Product # P1304MP, P3566, P21493).



Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (A-31553) in ICC/IF
Ser5 phosphorylation enhances L-plastin recruitment to invadopodia in MDA-MB-231 cells. a Expression pattern of the transduced MDA-MB-231 cells expressing the different GFP-fused L-plastin constructs. Cells were plated on gelatin-coated coverslips for 24 h and stained using anti-cortactin (blue) and Alexa Fluor 594-conjugated phalloidin (red) to visualize F-actin. GFP signal was amplified using the Alexa Fluor 488-conjugated GFP booster. Scale bar: 20 µm. Areas of actin, cortactin and L-plastin co-localization are seen in the overlay as white dot-like structures (right column). The insets show a higher magnification of the boxed areas. b Quantification of cortactin and F-actin-containing punctae per cell was performed using single confocal slices of the ventral surface of cells. Results are expressed as means ± SEM of three independent experiments in which 60-80 cells per conditions were assessed. One way ANOVA comparing all four groups showed no significance. c Percentage of GFP-positive invadopodia. Results are expressed as means ± SEM of three independent experiments. One way ANOVA followed by Tukey's multiple comparison test (*p < 0.05). d Co-localization of Ser5 phosphorylated L-plastin with actin and cortactin in MDA-MB-231 cells. Cells were plated onto gelatin-coated coverslips for 24 h and stained using anti-cortactin (blue) and anti-Ser5-P-L-plastin (red) antibodies, followed by Alexa Fluor 63… Image collected and cropped by CiteAb from the following publication (https://pubmed.ncbi.nlm.nih.gov/33618712), licensed under a CC BY license.



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379 References

Force-bearing phagocytic adhesion rings mediate the phagocytosis of surface-bound particles. Nat Commun (2025)

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CXCR3-expressing myeloid cells recruited to the hypothalamus protect against diet-induced body mass gain and metabolic dysfunction. Elife (2024)

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