

# Rabbit anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, DyLight™ 550

Product Details	
Size	500 µg
Species Reactivity	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	DyLight™ 550
Excitation/Emission Max	556/570 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_2556739

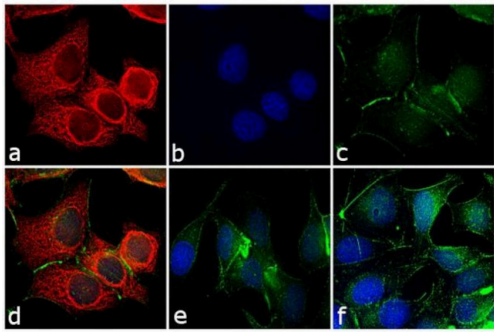
Applications	Tested Dilution	Publications
Western Blot (WB)	1:5,000-1:20,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:2,000	-
Immunocytochemistry (ICC/IF)	1:50-1:500	-
Flow Cytometry (Flow)	1:50-1:200	-
Immunoprecipitation (IP)	Assay-dependent	-

## Product Specific Information

This antibody is cross-adsorbed and exhibits minimum reactivity to human and rat.

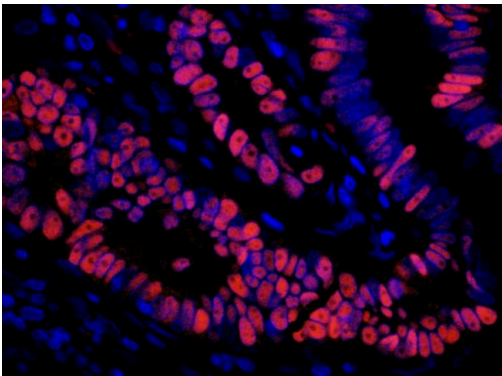
Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (SA5-10159) in ICC /IF

Immunofluorescence analysis of Rabbit anti-Mouse IgG (H+L) Cross Adsorbed Secondary Antibody, DyLight 550 conjugate was performed using MCF-7 cells stained with Cytokeratin 19 (RCK108) Mouse Monoclonal Primary Antibody (Product # MA5-12613). 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) Cross Adsorbed Secondary Antibody, DyLight 550 conjugate (Product # SA5-10159) was used at a concentration of 4µg/mL in phosphate buffered saline containing 0.2 % BSA for 45 minutes at room temperature, for detection of Cytokeratin 19 in the cytoplasm (Panel a: red). Nuclei (Panel b: blue) were stained with DAPI in SlowFade® Gold Antifade Mountant (Product # S36938). F-actin was stained with Alexa Fluor® 633 Phalloidin A22284, 1:300) (Panel c: green; pseudo color). 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.



Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (SA5-10159) in IHC (P)

Immunohistochemistry detection of human p53 by immunofluorescence. Sample: FFPE section of human breast carcinoma. Primary Antibody: mouse anti-p53 (clone DO-1) used at a dilution of 1:100. Secondary Antibody: Red-fluorescent Rabbit anti-mouse IgG-heavy and light chain cross-adsorbed Antibody DyLight® 550 Conjugated (Product # SA5-10159) used at a dilution of 1:100 (5 µg/mL). Counterstain: DAPI (blue).



1 Reference

MACF1 knockdown in glioblastoma multiforme cells increases temozolomide-induced cytotoxicity Nan Fang Yi Ke Da Xue Xue Bao (2017)

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