

Goat anti-Mouse IgG2a Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 350

Product Details	
Size	500 µg
Species Reactivity	Mouse
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	Alexa Fluor™ 350
Excitation/Emission Max	343/441 nm
Immunogen	Mouse IgG2a
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_2535770

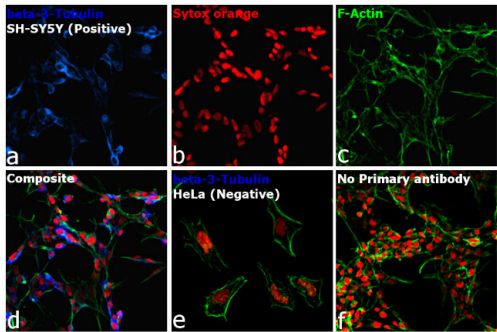
Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	1-10 µg/mL	0 Publication
Immunocytochemistry (ICC/IF)	1-10 µg/mL	0 Publication
Flow Cytometry (Flow)	1-10 µg/mL	-
Immunoprecipitation (IP)	-	0 Publication

Product Specific Information

Product will be shipped at Room Temperature.

Product Images For Goat anti-Mouse IgG2a Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 350

Mouse IgG2a Cross-Adsorbed Secondary Antibody (A-21130) in ICC/IF
Immunofluorescence analysis of Goat anti-Mouse IgG2a Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 350 (Product # A-21130) was performed using SH-SY5Y (positive model) and HeLa (negative model) cells stained with beta-3 Tubulin Monoclonal Antibody (2G10) (Product # MA1-118). 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 2 µg/mL primary antibody for 3 hours at room temperature. Goat anti-Mouse IgG2a Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 350 (Product # A-21130) in 0.1% BSA in PBS for 45 minutes at room temperature, was used for detection of beta 3 Tubulin in the cytoplasm (Panel a: blue). Nuclei (Panel b: red) were stained with SYTOX™ Orange Nucleic Acid Stain (Product # S11368). F-actin was stained with Alexa Fluor® 488 Phalloidin (Product # A12379, 1:300) (Panel c: green). Panel d represents the composite image. The specificity of the secondary antibody was proved by the absence of signal in HeLa (negative model for beta 3 Tubulin) due to no primary antibody binding (Panel e). Non specific staining was not observed with secondary antibody alone (panel f). The images were captured at 20X magnification.



10 References

The RIF1-long splice variant promotes G1 phase 53BP1 nuclear bodies to protect against replication stress. Elife (2020)

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Human RIF1-Protein Phosphatase 1 Prevents Degradation and Breakage of Nascent DNA on Replication Stalling. Cell Rep (2019)

Exposure to the Fungicide Captan Induces DNA Base Alterations and Replicative Stress in Mammalian Cells. Environ Mol Mutagen (2019)

Regulation of Sema3c and the Interaction between Cardiac Neural Crest and Second Heart Field during Outflow Tract Development. Sci Rep (2017)

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