Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, BODIPY™ FL

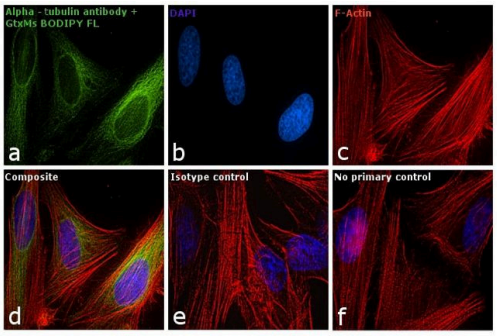
Product Details	
Size	1 mg
Species Reactivity	Mouse
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	BODIPY™ FL
Excitation/Emission Max	502/511 nm
Immunogen	Gamma Immunoglobins Heavy and Light chains
Form	Lyophilized
Purification	purified
Storage buffer	PBS, pH 7.5, with 1.5% BSA
Contains	0.01% thimerosal
Storage conditions	-20° C, store in dark
RRID	AB_2536429

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC/IF)	1 µg/mL	-
Miscellaneous PubMed (Misc)	-	0 Publication

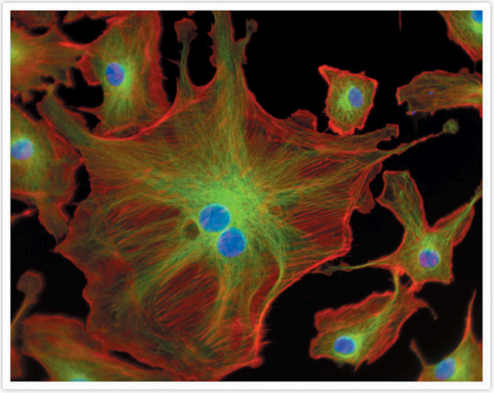
Product Specific Information

Storage and reconstitution: reconstitute using 0.5 mL deionized water. The product can be stored up to 2 weeks at 2-8ºC. For longer storage, divide into single-use aliquots and freeze at or below -20ºC. Frozen aliquots are stable for at least 6 months.

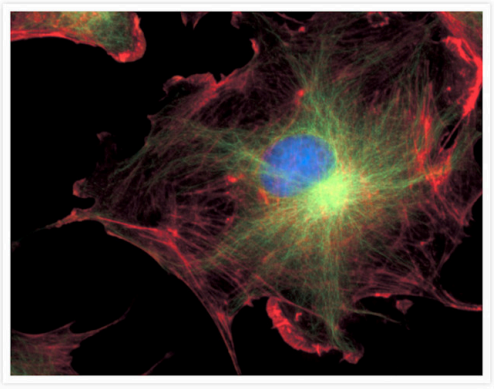
Product Images For Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, BODIPY™ FL



Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (B-2752) in ICC/IF
Immunofluorescence analysis of Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, BODIPY FL (B2752) was performed using HeLa cells stained with alpha Tubulin (236-10501) Mouse Monoclonal Antibody (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 2 µg/mL of mouse primary antibody for 3 hours at room temperature. Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, BODIPY FL (B2752) was used at concentration of 1 µg/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 (S36938). F-actin was stained with Rhodamine Phalloidin (Product # R415, 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..



Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (B-2752) in ICC/IF
FluoCells prepared slide #2 (Product # F-14781), which shows bovine pulmonary artery endothelial cells (BPAEC) that have been stained with an anti--tubulin mouse monoclonal antibody in conjunction with BODIPY FL goat anti-mouse IgG (Product # B-2752) for labeling microtubules, Texas Red-X phalloidin (Product # T7471) for labeling F-actin and DAPI (Product # D1306, Product # D3571, Product # D21490) for labeling nuclei. This multiple-exposure image was acquired using bandpass optical filter sets appropriate for DAPI, FITC and Texas Red dye.



Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (B-2752) in ICC/IF
FluoCells® prepared slide #2 (Product # F-14781) showing bovine pulmonary artery endothelial cells probed with anti-bovine a-tubulin mouse monoclonal 236-10501 (Product # A11126) and visualized with BODIPY® FL goat anti-mouse IgG (Product # B-2752). The actin filaments were then labeled with Texas Red®-X phalloidin (Product # T7471) and the nuclei were counterstained with DAPI (Product # D1306, D3571). The multiple-exposure image was acquired using bandpass filters appropriate for Texas Red® dye, FITC and DAPI.

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27 References

Trappc9 deficiency in mice impairs learning and memory by causing imbalance of dopamine D1 and D2 neurons. Sci Adv (2020)

A pool of extramitochondrial frataxin that promotes cell survival. J Biol Chem (2006)

Redundant roles for Met docking site tyrosines and the Gab1 pleckstrin homology domain in InlB-mediated entry of Listeria monocytogenes. Infect Immun (2005)

Host adaptor proteins Gab1 and CrkII promote InlB-dependent entry of Listeria monocytogenes. Cell Microbiol (2005)

Ca2+ oscillation-inducing phospholipase C zeta expressed in mouse eggs is accumulated to the pronucleus during egg activation. Dev Biol (2004)