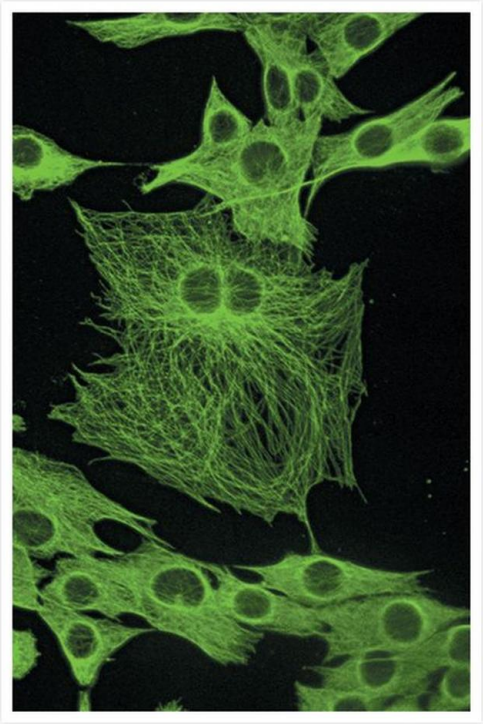
Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Biotin-XX

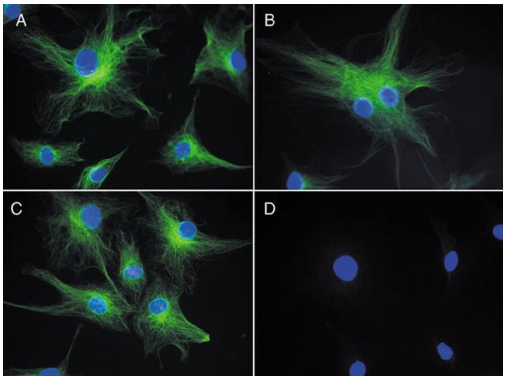
Product Details	
Size	1 mg
Species Reactivity	Mouse
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	Biotin-XX
Immunogen	Gamma Immunoglobins Heavy and Light chains
Form	Liquid
Concentration	2 mg/mL
Purification	purified
Storage buffer	PBS, pH 7.5
Contains	5mM sodium azide
Storage conditions	4° C
RRID	AB_2536430

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:5,000	-
Immunocytochemistry (ICC/IF)	1-10 µg/mL	-
ChIP assay (ChIP)	1 µg	-

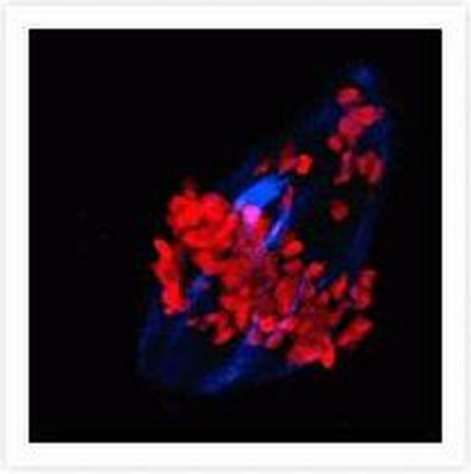
Product Images For Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Biotin-XX



Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (B-2763) in ICC/IF
Mouse fibroblast microtubules labeled with a mouse monoclonal anti-ß-tubulin antibody in conjunction with biotin-XX goat anti-mouse IgG antibody (Product # B-2763) and then developed for visualization with alkaline phosphatase-mediated techniques using the ELF® 97 Cytological Labeling Kit (Product # E6603). This kit's novel ELF® 97 phosphatase substrate yields a yellow-green-fluorescent precipitate at the site of alkaline phosphatase activity. Prior to antibody labeling, mouse fibroblasts were fixed and permeabilized in the presence of cytoskeletal stabilizing buffer and treated with paclitaxel (Product # P3456) to stabilize microtubule structures. The image was deconvolved using Huygens software (Scientific Volume Imaging, http://www.svi.nl/).



Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (B-2763) in ICC/IF
Reversible binding by DSB-X™ biotin. Microtubules of fixed bovine pulmonary artery endothelial cells were labeled with mouse monoclonal anti-a-tubulin antibody (Product # A11126), detected with either biotin-XX goat anti-mouse IgG antibody (Product # B-2763, panel A) or DSB-X™ biotin goat anti-mouse IgG antibody (Product # D-20691, panel B) and visualized with green-fluorescent Alexa Fluor® 488 streptavidin (Product # S-11223). Nuclei were stained with blue-fluorescent DAPI (Product # D1306, D3571, D21490). After incubating with 10 mM d-biotin (Product # B-1595, B20656), the binding between the biotinylated antibody is unaltered (panel C), whereas the streptavidin conjugate has been stripped from the DSB-X™ biotin-labeled antibody (panel D).



Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (B-2763) in ICC/IF
Microtubules of bovine pulmonary artery endothelial cells that have been labeled with mouse monoclonal anti-a-tubulin antibody (Product # A11126), followed by biotin-XX goat anti-mouse IgG antibody (Product # B-2763), and then visualized with Marina Blue® streptavidin (Product # S-11221). The cells were next treated with RNase, and the chromosomes were labeled with TO-PRO®-3 iodide (Product # T3605). A series of Z-plane images was acquired with a wide-field optical sectioning confocal laser-scanning microscope. A three-dimensional volume rendering was generated from the deconvolved image series.

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79 References

Neuropeptide F inhibits dopamine neuron interference of long-term memory consolidation in Drosophila. iScience (2021)

Amyloid precursor protein elevates fusion of promyelocytic leukemia nuclear bodies in human hippocampal areas with high plaque load. Acta Neuropathol Commun (2021)

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Aortic Regurgitation Is Associated With Ascending Aortic Remodeling in the Nondilated Aorta. Arterioscler Thromb Vasc Biol (2021)

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