Goat anti-Mouse IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, TRITC

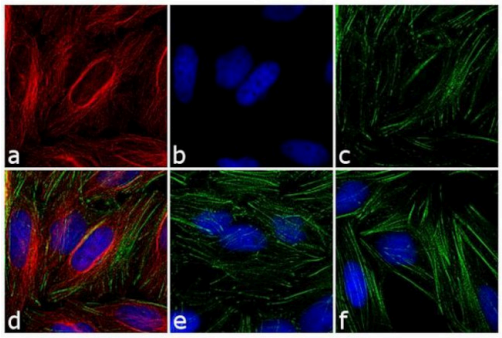
Product Details	
Size	1 mg
Species Reactivity	Mouse
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	TRITC
Excitation/Emission Max	552/578 nm
Immunogen	Gamma Immunoglobins Heavy and Light chains
Form	Lyophilized
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 1% BSA
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. Store in the dark.
RRID	AB_2534757

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC/IF)	4 µg/mL	-

Product Specific Information

Rehydrate with 1.1 mL of deionized water and let stand 30 minutes at room temperature to dissolve. (Product has been overfilled to ensure complete recovery.) Centrifuge to remove any particulates. Prepare fresh working dilution daily. 1 year from date of receipt. Prepare working dilution prior to use and then discard. Based on Immunoelectrophoresis, no reactivity is observed to: non-immunoglobulin mouse serum proteins, bovine, goat, human, rabbit or rat IgG.

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



Mouse IgG (H+L) Highly Cross-Adsorbed Secondary Antibody (A16083) in ICC/IF

Immunofluorescence analysis of Goat anti-Mouse IgG (H+L) Secondary Antibody, TRITC was performed using HeLa cells stained with alpha Tubulin (23610501) Mouse Monoclonal Primary Antibody (Product # 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 mouse primary antibody for 3 hours at room temperature. Goat anti-Mouse IgG (H+L) Secondary Antibody, TRITC (Product # A16083) was used at a concentration of 4 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: red). Nuclei (Panel b: blue) were stained with DAPI in SlowFade® Gold Antifade Mountant (Product # S36938). F-actin was stained with Alexa Fluor® 488 Phalloidin (Product # A12379, 1:300) (Panel c: green). 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.

1 Reference

Ca2+ signalling plays a role in celastrol-mediated suppression of synovial fibroblasts of rheumatoid arthritis patients and experimental arthritis in rats. Br J Pharmacol (2019)