

Sheep anti-Rabbit IgG (H+L) Secondary Antibody, TRITC

Product Details	
Size	1 mg
Species Reactivity	Rabbit
Host/Isotype	Sheep / 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_2534848

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

Product Specific Information

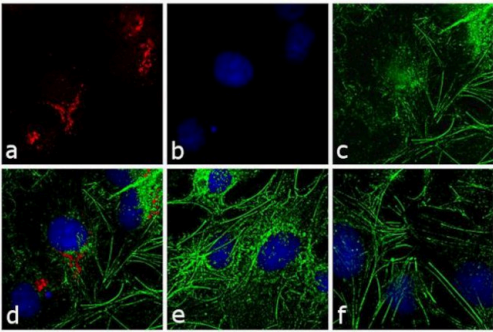
The sensitivity of each lot of antibody is confirmed using ELISA. The specificity of each lot of antibody is confirmed by immunoelectrophoresis (IEP).

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 rabbit serum proteins.

Product Images For Sheep anti-Rabbit IgG (H+L) Secondary Antibody, TRITC

Rabbit IgG (H+L) Secondary Antibody (A16177) in ICC/IF

Immunofluorescence analysis of Sheep anti-Rabbit IgG (H+L) Secondary Antibody, TRITC was performed using Hep G2 cells stained with alpha-1 antitrypsin Rabbit Polyclonal Primary Antibody (Product # PA5-16661). 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 rabbit primary antibody for 3 hours at room temperature. Sheep anti-Rabbit IgG (H+L) Secondary Antibody, TRITC (Product # A16177) 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-1 antitrypsin 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.



2 References

Calcium-binding protein 39 overexpression promotes macrophages from 'M1' into 'M2' phenotype and improves chondrocyte damage in osteoarthritis by activating the AMP-activated protein kinase/sirtuin 1 axis. Bioengineered (2022)

PDIA3/ERp57 promotes a matrix-rich secretome that stimulates fibroblast adhesion through CCN2. Am J Physiol Cell Physiol (2022)

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