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

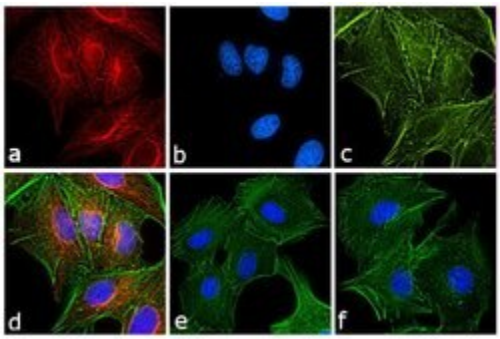
Product Details	
Size	1 mg
Species Reactivity	Rat
Host/Isotype	Sheep / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	TRITC
Immunogen	Rat IgG whole molecule
Form	Liquid
Concentration	2 mg/mL
Purification	IgG fraction
Storage buffer	0.02M potassium phosphate, pH 7.6, with 15mg/mL BSA
Contains	0.01% 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_10984808

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	1:500-1:2500	-
Immunocytochemistry (ICC)	1:1,000-1:5,000	-
Immunofluorescence (IF)	1:1,000-1:5,000	-
Immunomicroscopy (IM)	Assay-dependent	-

Product Specific Information

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

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



Rat IgG (H+L) Secondary Antibody (PA1-28639) in IF
Immunofluorescence analysis of Sheep anti-Rat IgG Secondary Antibody, TRITC was performed using A549 cells stained with alpha Tubulin (YL1/2) Rat Monoclonal Antibody (Product # MA1-80017). 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 2µg/mL Rat primary antibody for 3 hours at room temperature. Sheep anti-Rat IgG Secondary Antibody, TRITC (Product # PA1-28639) was used at a concentration of 4µg/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.