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

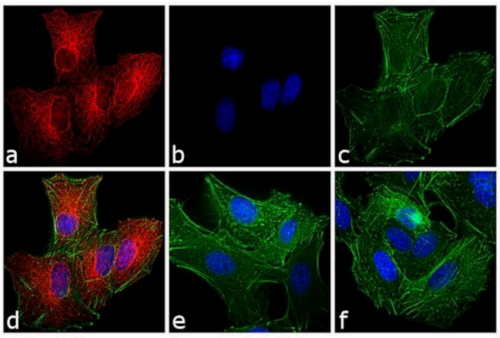
Product Details	
Size	1 mg
Species Reactivity	Rat
Host/Isotype	Chicken / IgY
Class	Polyclonal
Type	Secondary Antibody
Conjugate	TRITC
Excitation/Emission Max	552/578 nm
Immunogen	Rat IgG whole molecule
Form	Liquid
Concentration	1 mg/mL
Purification	IgG fraction
Storage buffer	0.02M potassium phosphate, pH 7.2, with 0.15M NaCl, 10mg/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_10984821

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC/IF)	1:1,000-1:5,000	-
Flow Cytometry (Flow)	1:500-1:2500	-

Product Specific Information

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

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



Rat IgG (H+L) Secondary Antibody (PA1-29949) in ICC/IF
Immunofluorescence analysis of Chicken anti-Rat IgG Secondary Antibody, TRITC conjugate 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. Chicken anti-Rat IgG Secondary Antibody, TRITC conjugate (Product # PA1-29949) was used at a concentration of 2µg/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.

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