

# F(ab')<sub>2</sub>-Goat anti-Rat IgG (H+L) Cross-Adsorbed Secondary Antibody, FITC

Product Details	
Size	500 µL
Species Reactivity	Rat
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	FITC
Immunogen	Rat IgG
Form	Liquid
Concentration	700 µg/mL
Purification	affinity chromatography
Storage buffer	PBS with 0.5% BSA
Contains	0.09% sodium azide
Storage conditions	4°C or -20°C if preferred, store in dark
RRID	AB_2550666

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC/IF)	2 µg/mL	-
Flow Cytometry (Flow)	1:25-1:100	-

## Product Specific Information

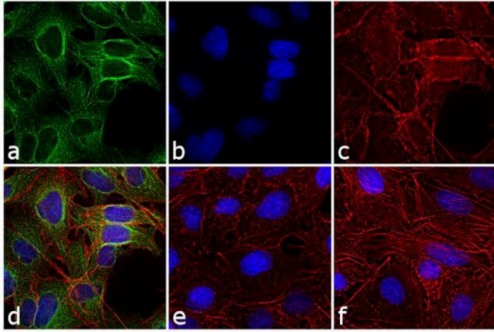
PA5-33282 targets Rat IgG in FACS applications. Cross-reactivity with mouse IgG has been reduced by adsorption.

For FACS analysis, use 10 µL of the suggested working dilution to label 1x10<sup>6</sup> cells in 100 µL.

## Product Images For F(ab')<sub>2</sub>-Goat anti-Rat IgG (H+L) Cross-Adsorbed Secondary Antibody, FITC

### Rat IgG (H+L) Cross-Adsorbed Secondary Antibody (PA5-33282) in ICC/IF

Immunofluorescence analysis of F(ab')<sub>2</sub>-Goat anti-Rat IgG Cross Adsorbed Secondary Antibody, FITC 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. F(ab')<sub>2</sub>-Goat anti-Rat IgG Cross Adsorbed Secondary Antibody, FITC (Product # PA5-33282) 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: green). Nuclei (Panel b: blue) were stained with DAPI in SlowFade® Gold Antifade Mountant (Product # S36938). F-actin was stained with Rhodamine Phalloidin (Product # R415, 1:300) (Panel c: red). 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.



For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.