10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

F(ab')2 Anti-HUMAN IgG F(c) (Pre-adsorbed Phycoerythrin Conjugated) Secondary Antibody

Goat Polyclonal, R-Phycoerythrin (RPE)
Catalog # ASR3188

Specification

F(ab')2 Anti-HUMAN IgG F(c) (Pre-adsorbed Phycoerythrin Conjugated) Secondary Antibody - Product Information

Description	F(ab')2 Anti-HUMAN IgG F(c) (GOAT) Antibody Phycoerythrin conjugated Min X Bv Hs Ms & Rt Serum Proteins
Host	Goat
Conjugate	R-Phycoerythrin (RPE)
Target Species	Human
Reactivity	Human
Clonality	Polyclonal
Application	,3,4,
Application Note	IF Microscopy 1:100-1:250;FlowCytometry 1:100-1:250
Physical State	Lyophilized
Host Isotype	IgG F(ab')2
Target Isotype	IgG F(c)
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Anti-Human IgG was produced by repeated immunization with Human IgG F(c) fragment in goat.
Reconstitution Volume	1.0 mL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative	0.01% (w/v) Sodium Azide

F(ab')2 Anti-HUMAN IgG F(c) (Pre-adsorbed Phycoerythrin Conjugated) Secondary Antibody - Additional Information

Shipping Condition
Ambient

Purity
This product was prepared from monospecific antiserum by immunoaffinity chromatography using Human IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Phycoerythrin, anti-Goat Serum, Human IgG, Human IgG F(c) and Human Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), Human IgG F(ab')2 or Bovine, Horse and Mouse Serum Proteins.

Storage Condition
Store vial at 4° C prior to opening. Dilute only prior to immediate use. Do not freeze after

reconstitution. Store reagent in the dark. This product is stable at 4° C as an undiluted liquid. Use subdued lighting during handling and incubation of cells prior to analysis.

Precautions Note
This product is for research use only and is not intended for therapeutic or diagnostic applications.

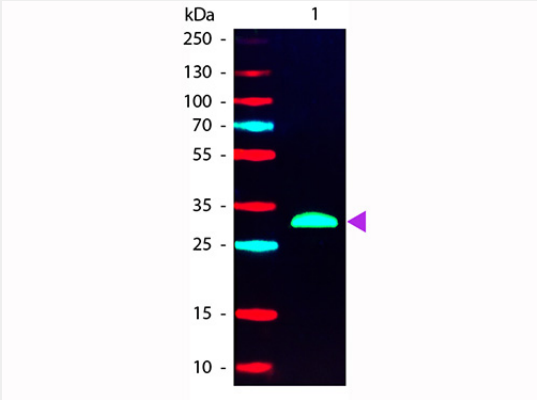
F(ab')2 Anti-HUMAN IgG F(c) (Pre-adsorbed Phycoerythrin Conjugated) Secondary Antibody - Protein Information

F(ab')2 Anti-HUMAN IgG F(c) (Pre-adsorbed Phycoerythrin Conjugated) Secondary Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

F(ab')2 Anti-HUMAN IgG F(c) (Pre-adsorbed Phycoerythrin Conjugated) Secondary Antibody - Images



Western blot of Phycoerythrin conjugated Goat F(ab')2 Anti-Human IgG F(c) (Pre-Adsorbed) secondary antibody. Lane 1: Human Fc. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Phycoerythrin goat secondary antibody at 1:1,000 for 60 min at RT. Blocking: MB-070 for 30 min at RT. Predicted/Observed size: 28 kDa, 28 kDa for Human IgG F(c). Other band(s): None.

F(ab')2 Anti-HUMAN IgG F(c) (Pre-adsorbed Phycoerythrin Conjugated) Secondary Antibody - Background

F(ab')2 HUMAN IgG F(c) (Pre-Adsorbed) Phycoerythrin Conjugated Antibody was generated by enzymatic cleavage and subsequent separation from the Fc fragment. Because of their smaller size, F(ab)2 fragments offer several advantages over intact antibodies for use in certain immunochemical techniques and experimental applications. F(ab)2 fragments penetrate into tissue

samples and show better antigen recognition and signal generation in IHC. F(ab)2 fragments lack the Fc region and therefore do not bind Fc receptors which effectively lowers background staining. F(ab')2 HUMAN IgG F(c) (Pre-Adsorbed) Phycoerythrin Conjugated Antibody is ideal for investigators who routinely perform flow cytometry, immunohistochemistry or IHC and other immunoassays.