

# F(ab')<sub>2</sub> Anti-MOUSE IgG (H&L) (Phycoerythrin Conjugated) Pre-adsorbed Secondary Antibody

Goat Polyclonal, R-Phycoerythrin (RPE)

Catalog # ASR3194

## Product Information

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<b>Description</b>	F(ab') <sub>2</sub> Anti-MOUSE IgG (H&L) (GOAT) Antibody Phycoerythrin conjugated Min X Bv Hm, Hs, Hu Rb, Rt, & Sh Serum Proteins
<b>Host</b>	Goat
<b>Conjugate</b>	R-Phycoerythrin (RPE)
<b>Target Species</b>	Mouse
<b>Reactivity</b>	Mouse
<b>Clonality</b>	Polyclonal
<b>Application</b>	DB
<b>Physical State</b>	Lyophilized
<b>Host Isotype</b>	IgG F(ab') <sub>2</sub>
<b>Target Isotype</b>	IgG (H&L)
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Immunogen</b>	F(ab') <sub>2</sub> anti-Mouse IgG (H&L) was produced by repeated immunization with Mouse IgG whole molecule in goat.
<b>Reconstitution Volume</b>	1.0 mL
<b>Reconstitution Buffer</b>	Restore with deionized water (or equivalent)
<b>Stabilizer</b>	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
<b>Preservative</b>	0.01% (w/v) Sodium Azide

## Additional Information

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<b>Shipping Condition</b>	Ambient
<b>Application Note</b>	F(ab') <sub>2</sub> anti-Mouse IgG (H&L) antibody is suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. The maximum amount of reagent required to stain 1 x 10 <sup>6</sup> cells in flow cytometry is approximately 1.0 µg of antibody conjugate. Lesser amounts of reagent may be sufficient for staining. Optimal titers for other applications should be determined by the researcher. As a general guideline dilutions of 1:100 to 1:250 should be suitable for most applications.
<b>Purity</b>	F(ab') <sub>2</sub> Anti-MOUSE IgG (H&L) (GOAT) Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. F(ab') <sub>2</sub> Anti-MOUSE IgG (H&L) (GOAT) Antibody assays by immunoelectrophoresis resulted in a single precipitin arc against anti-Phycoerythrin, anti-Goat Serum, Mouse IgG and Mouse Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c) or Bovine

Chicken Goat Guinea Pig Horse Hamster Human Rabbit Rat and Sheep 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.

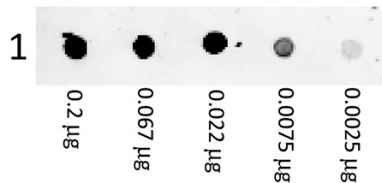
## Background

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F(ab')<sub>2</sub> anti-Mouse IgG (H&L) antibody generated in goat detects specifically Mouse IgG whole molecule. This secondary antibody anti-Mouse is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays.

## Images

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Dot Blot of Phycoerythrin conjugated Goat F(ab')<sub>2</sub> Anti Mouse IgG (H&L) Antibody. Lane 1: Mouse IgG. Load: A three-fold serial dilution starting at 200ng. Primary Antibody: None. Secondary Antibody: F(ab')<sub>2</sub> Anti-Mouse IgG (H&L) (GOAT) Antibody Phycoerythrin conjugated secondary antibody was used at 1:1000 for 1 Hour at RT. Blocking: 5% Blotto for 1 Hour at 20°C.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.