

**F(ab')<sub>2</sub> Anti-Mouse IgG F(ab')<sub>2</sub> Pre-Adsorbed Secondary Antibody**  
**Goat Polyclonal, Unconjugated**  
**Catalog # ASR1972**

**Specification**

**F(ab')<sub>2</sub> Anti-Mouse IgG F(ab')<sub>2</sub> Pre-Adsorbed Secondary Antibody - Product Information**

Description	<b>F(ab')<sub>2</sub> Anti-MOUSE IgG</b> <b>F(ab')<sub>2</sub> (GOAT) Antibody Min X Bv Hs</b> <b>Hu Rb Rt &amp; Sh Serum Proteins</b>
Host	<b>Goat</b>
Conjugate	<b>Unconjugated</b>
Target Species	<b>Mouse</b>
Clonality	<b>Polyclonal</b>
Application	<b>,1,10,15,</b>
Application Note	<b>ELISA 1:20,000-1:100,000;Western Blot</b> <b>1:500-1:5,000;Immunochemistry</b> <b>1:1,000-1:5,000</b>
Physical State	<b>Liquid (sterile filtered)</b>
Host Isotype	<b>IgG F(ab')<sub>2</sub></b>
Target Isotype	<b>IgG F(ab')<sub>2</sub></b>
Buffer	<b>0.02 M Potassium Phosphate, 0.15 M</b> <b>Sodium Chloride, pH 7.2</b>
Immunogen	<b>Mouse IgG F(ab')<sub>2</sub> fragment</b>
Stabilizer	<b>None</b>
Preservative	<b>0.01% (w/v) Sodium Azide</b>

**F(ab')<sub>2</sub> Anti-Mouse IgG F(ab')<sub>2</sub> Pre-Adsorbed Secondary Antibody - Additional Information**

**Shipping Condition**

Wet Ice

**Purity**

This product 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. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Mouse IgG, Mouse IgG F(ab')<sub>2</sub> and Mouse Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), Mouse IgG F(c) or Bovine, Horse, Human, Rabbit, Rat and Sheep Serum Proteins.

**Storage Condition**

Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.

**Precautions Note**

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

**F(ab')<sub>2</sub> Anti-Mouse IgG F(ab')<sub>2</sub> Pre-Adsorbed Secondary Antibody - Protein Information**

**F(ab')<sub>2</sub> Anti-Mouse IgG F(ab')<sub>2</sub> Pre-Adsorbed 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 Cytometry](#)
- [Cell Culture](#)

**F(ab')<sub>2</sub> Anti-Mouse IgG F(ab')<sub>2</sub> Pre-Adsorbed Secondary Antibody - Images****F(ab')<sub>2</sub> Anti-Mouse IgG F(ab')<sub>2</sub> Pre-Adsorbed Secondary Antibody - Background**

F(ab')<sub>2</sub> Antibody was generated by enzymatic cleavage and subsequent separation from the Fc fragment. Because of their smaller size, F(ab)<sub>2</sub> fragments offer several advantages over intact antibodies for use in certain immunochemical techniques and experimental applications. F(ab)<sub>2</sub> fragments penetrate into tissue samples and show better antigen recognition and signal generation in IHC. F(ab)<sub>2</sub> fragments lack the Fc region and therefore do not bind Fc receptors which effectively lowers background staining. F(ab')<sub>2</sub> Antibody is ideal for investigators who routinely perform flow cytometry, immunohistochemistry or IHC and other immunoassays.