

**Mouse IgG Fc Goat Polyclonal Pre-Adsorbed  
ATS-SELECT SECONDARY ANTIBODY**

**Catalog Number:** AS-247  
**Quantity:** 1 milligram  
**Format:** IgG, Liquid (sterile filtered)  
**Host:** Goat  
**Immunogen:** Mouse IgG F(c) fragment

**Background:** Anti-Mouse IgG F(c) generated in goat is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme papain under controlled conditions of temperature, time and pH. Receptors bind the Fc portion of mouse IgG and often this fragment is removed from immunoglobulins to minimize receptor binding and lower background reactivity.

**Specificity & Preparation:** Anti-Mouse IgG F(c) 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. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Mouse IgG F(c) and Mouse Serum. No reaction was observed against Mouse IgG F(ab')<sub>2</sub> or Bovine, Horse and Human Serum Proteins.

**Usage:** Anti-Mouse IgG F(c) antibody has been tested by ELISA and is suitable for ELISA, Western Blot and Immunohistochemistry applications. Antibody should be optimized by end user for specific reactive conditions.

ELISA 1:450,000

Immunohistochemistry 1:1,000 - 1:5,000

Western Blot 1:5,000 - 1:50,000

Working dilutions must be determined by end user.

**Storage:** 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. Expiration date is one (1) year from date of receipt.

*To view protocol(s) for this and other products please visit: [www.ATSBio.com/library/protocols](http://www.ATSBio.com/library/protocols)*