

**Human IgG F(ab')₂ Rabbit Polyclonal pre-absorbed
ATS-SELECT SECONDARY ANTIBODY**

Catalog Number: AS-227
Quantity: 2 milligrams
Format: IgG, Liquid (sterile filtered)
Host: Rabbit
Immunogen: Anti-Human IgG F(ab')₂ fragment was produced in rabbit by repeated immunization with human IgG F(ab')₂ fragment.

Background: Anti-Human IgG F(ab')₂ Antibody generated in rabbit recognizes the dimeric Fab portion of the human IgG molecule. Human IgG F(ab')₂ is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme pepsin under controlled conditions of temperature, time and pH. F(ab')₂ molecules lack the Fc portion of IgG and therefore receptors that bind human IgG F(c) will not bind human IgG F(ab')₂ molecules. Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition. Anti-Human IgG F(ab')₂ Antibody is ideal for investigators in Immunology, Cancer, and Microbiology research.

Specificity & Preparation: Anti-Human IgG F(ab')₂ antibody 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. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum, Human IgG, Human IgG F(ab')₂ and Human Serum. No reaction was observed against Human IgG F(c) or Mouse Serum Proteins.

Usage: Anti-Human IgG F(ab')₂ antibody has been tested by ELISA and dot blot and is suitable for western blotting, IHC and for ELISA. Researchers should determine optimal titers for applications that are not stated below.

ELISA 1:350,000

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

Western Blot 1:3,000 - 1:15,000

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