

**F(ab')₂ Human IgG Goat Polyclonal Pre-Adsorbed
ATS-SELECT SECONDARY ANTIBODY**

Catalog Number: AS-332
Quantity: 1 milligram
Format: IgG F(ab')₂, Liquid (sterile filtered)
Host: Goat
Immunogen: Anti-Human IgG was produced by repeated immunization with human IgG whole molecule in goat.

Background: F(ab')₂ Anti-Human IgG (H&L) Antibody generated in goat detects immunoglobulin g from human, both heavy and light chains of the antibody molecule are present. Each IgG has two antigen binding sites. Representing approximately 75% of serum immunoglobulins in humans, IgG is the most abundant antibody isotype found in the circulation. IgG molecules are synthesized and secreted by plasma B cells. 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. F(ab')₂ Antibody is ideal for investigators who routinely perform flow cytometry, immunohistochemistry or IHC and other immunoassays. F(ab')₂ Anti-Human IgG (H&L) Antibody is ideal for investigators in Immunology, Cancer, and Microbiology research.

Specificity & Preparation: F(ab')₂ Anti-Human IgG (H&L) 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, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Human IgG and Human Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), or Bovine, Horse, Mouse and Rat Serum Proteins.

Usage: F(ab')₂ Anti-Human IgG (H&L) Antibody has been tested by ELISA and dot blot and is suitable for ELISA, immunoblotting, and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency.

ELISA 1:42,000

Immunohistochemistry 1:500 - 1:2,000

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

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