

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

Catalog Number:	AS-213
Quantity:	2 milligrams
Format:	IgG, Liquid (sterile filtered)
Host:	Goat
Immunogen:	Human IgG F(ab')2 fragment was produced by repeated immunization with Human IgG F(ab')2 fragment in goat.

Background: Anti-Human IgG F(ab')2 Antibody generated in goat 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 fragment antibody is ideal for investigators in Immunology, Cancer, and Microbiology research.

Specificity & Preparation: Anti-Human IgG F(ab')2 (GOAT) 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-Goat Serum, Human IgG, Human IgG F(ab')2 and Human Serum. No reaction was observed against Human IgG F(c).

Usage: Anti-Human IgG F(ab')2 fragment has been tested by dot blot and ELISA and is suitable for use in immunoelectrophoresis, western-blot, competitive western-blot, ELISA and competitive ELISA assays. Specific conditions for reactivity and signal detection should be optimized by the end user.

ELISA 1:14,000 - 1:30,000

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

Western Blot 1:2,000 - 1:10,000

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