

Sheep IgG F(ab')₂ Rabbit Polyclonal
ATS-SELECT SECONDARY ANTIBODY

Catalog Number: AS-299
Quantity: 10 milligrams
Format: IgG, Liquid (sterile filtered)
Host: Rabbit
Immunogen: Sheep IgG F(ab')₂ fragment

Background: Anti-Sheep IgG F(ab')₂ Antibody generated in rabbit recognizes the dimeric Fab portion of the sheep IgG molecule. Sheep 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 sheep IgG F(c) will not bind sheep 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.

Specificity & Preparation: This product was prepared from monospecific antiserum by immunoaffinity chromatography using Sheep 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, Sheep IgG, Sheep IgG F(ab')₂ and Sheep Serum. No reaction was observed against Sheep IgG F(c).

Usage: Anti-Sheep IgG F(ab')₂ antibody is suitable for use in ELISA, immunohistochemistry, and western blot. Specific conditions for reactivity should be optimized by the end user.

ELISA 1:20,000 - 1:100,000

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