Advanced Targeting Systems

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

**Catalog Number:** AS-088
**Quantity:** 50 milligrams
**Format:** IgG, Lyophilized
**Host:** Rabbit
**Immunogen:** Goat IgG F(ab')2 fragment

**Background:** Anti-Goat IgG F(ab')2 Antibody generated in rabbit 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 goat IgG F(c) will not bind goat IgG F(ab')2 molecules.

**Specificity & Preparation:** This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum, Goat IgG, Goat IgG F(ab')2 and Goat Serum. No reaction was observed against Goat IgG F(c).

**Usage:** Anti-Goat IgG F(ab')2 antibody is suitable for ELISA, western blot, and immunohistochemistry, as well as other assays requiring lot-to-lot consistency.
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:** Restore with deionized water (or equivalent), 5.0 mL. Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. 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*