

Bovine IgG (H&L) Goat Polyclonal
ATS-SELECT SECONDARY ANTIBODY

Catalog Number: AS-071
Quantity: 50 milligrams
Format: IgG, Lyophilized
Host: Goat
Immunogen: Bovine IgG whole molecule

Background: Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglutination (and thereby immobilizing them), activation of the complement cascade, and opsonization for phagocytosis. This product possesses the F(ab) region possessing the epitope-recognition site, both heavy and light chains of the antibody molecule are present.

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-Goat Serum, Bovine IgG and Bovine Serum.

Usage: Anti-Bovine IgG Secondary Antibodies have been tested by dot blot and are designed for Western Blotting, ELISA and Immunohistochemistry. Secondary antibodies can also be used for a variety of other applications such as Assay Development, Flow Cytometry and in situ hybridization.

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