

Fab Rat IgG (H&L) Rabbit Polyclonal
ATS-SELECT SECONDARY ANTIBODY

Catalog Number: AS-377
Quantity: 500 micrograms
Format: IgG Fab, Liquid (sterile filtered)
Host: Rabbit
Immunogen: Rat IgG whole molecule

Background: Fab Anti-Rat IgG (H&L) Antibody generated in rabbit detects immunoglobulin g from rat, both heavy and light chains of the antibody molecule are present. Each IgG has two antigen binding sites. Representing approximately 75% of serum immunoglobulins, 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.

Specificity & Preparation: This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, papain digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum. No reaction was observed against anti-Papain or anti-Rabbit IgG F(c).

Usage: Suitable for highly specific immunological methods requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity.

ELISA 1:5,000 - 1:85,000

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 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