

Human IgG Fc Goat Polyclonal
ATS-SELECT SECONDARY ANTIBODY

Catalog Number: AS-212
Quantity: 5 milligrams
Format: IgG, Liquid (sterile filtered)
Host: Goat
Immunogen: Human IgG F(c) fragment

Background: Anti-Human IgG F(c) generated in goat detects Human F(c). A proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme papain under controlled conditions of temperature, time and pH. Receptors bind the Fc portion of human IgG and often this fragment is removed from immunoglobulins to minimize receptor binding and lower background reactivity. 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. F(c) Antibody is ideal for investigators who routinely perform flow cytometry, immunohistochemistry or IHC and other immunoassays.

Specificity & Preparation: Anti-Human IgG F(c) Antibody 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(c) and Human Serum. No reaction was observed against Human IgG F(ab).

Usage: Goat Anti-Human IgG F(c) Antibody has been tested by ELISA and dot blot and is suitable for western blot, immunohistochemistry, or immunoassays where specificity to the immunoglobulin Fc region is desired. Optimal concentrations in immunoassays should be determined by the researcher.

ELISA 1:20,000

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

Western Blot 1:10,000 - 1:50,000

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