

Human IgG Fc Mouse Monoclonal
ATS-SELECT SECONDARY ANTIBODY

Catalog Number: AS-106
Quantity: 100 micrograms
Format: IgG1, Liquid (sterile filtered)
Host: Mouse
Immunogen: Anti-Human IgG F(c) monoclonal antibody was produced by repeated immunization with Human IgG F(c) fragment in mice.

Background: Anti-Human IgG F(c) generated in mouse 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 concentrated roller bottle supernatant by Protein A chromatography sepharose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Mouse Serum, Human IgG, Human Serum and Human F(c). No reaction was observed against Human F(ab).

Usage: Human IgG F(c) antibody has been tested by ELISA and Western Blot. This product is suitable for immunoelectrophoresis, western-blot, competitive western-blot, ELISA and competitive ELISA assays. Specific conditions for reactivity and signal detection should be optimized by the end user.

ELISA 1-:1000-1:10000

Western Blot 1:1000 - 1:2000

Working dilutions must be determined by end user.

Storage: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. 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