

**Human IgM Fc5 μ Mouse Monoclonal
ATS-SELECT SECONDARY ANTIBODY**

Catalog Number: AS-107
Quantity: 100 micrograms
Format: IgG2b, Liquid (sterile filtered)
Host: Mouse
Immunogen: Anti-Human IgM Fc5 μ was produced by repeated immunization with Human IgM Fc5 μ fragment in mice.

Background: Anti-Human IgM Fc5 μ antibody generated in mice specifically detects Fc5 μ portion of the human IgM heavy chain. Immunoglobulin M is the largest antibody isotype and the first to be secreted against an initial exposure to antigen. IgM is predominantly produced in the spleen. Formed from covalently linking 5 immunoglobulins together. Due to this large size, IgM is typically isolated to the serum. Anti-Human IgM Fc5 μ antibody is ideal for investigators in Immunology, Microbiology, and Cell Biology.

Specificity & Preparation: Anti-Human IgM Fc5 μ 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 IgM, Human Serum and Human Fc5 μ . No reaction was observed against Human IgG, Human IgA, Human Fc, Human Fab or Human Fab2.

Usage: Human IgM Fc5 μ antibody has been tested by ELISA and Western Blot. This product is suitable for immunoblotting (western or dot blot), ELISA, and immunohistochemistry requiring extremely low background levels, lot-to-lot consistency, high titer and specificity.

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