

**Human IgM (Fc5u) Rabbit Polyclonal**  
**ATS-SELECT SECONDARY ANTIBODY**

**Catalog Number:** AS-228  
**Quantity:** 2 milligrams  
**Format:** IgG, Liquid (sterile filtered)  
**Host:** Rabbit  
**Immunogen:** Anti-Human IgM Fc5 $\mu$  was produced by repeated immunization with Human IgM Fc5 $\mu$  fragment in rabbit.

**Background:** Anti-Human IgM Fc5 $\mu$  antibody generated in rabbit specifically detects Fc5 $\mu$  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 $\mu$  antibody is ideal for investigators in Immunology, Microbiology, and Cell Biology.

**Specificity & Preparation:** Human IgM Fc5 $\mu$  Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using antigens 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-Rabbit Serum, Human IgM and Human Serum. No reaction was observed against Human IgG or Human IgA.

**Usage:** Human IgM Fc5 $\mu$  antibody has been tested by ELISA and 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 1:20,000 - 1:50,000

Immunohistochemistry 1:500 - 1:3,000

Western Blot 1:500 - 1:3,000

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](http://www.ATSBio.com/library/protocols)*