Advanced Targeting Systems

1930 KELLOGG AVENUE
CARLSBAD, CA 92008 USA
01.858.642.1988 • WWW.ATSBIO.COM

Chicken IgM (mu chain) Secondary Goat Polyclonal

ATS-SELECT SECONDARY ANTIBODY

Catalog Number: AS-170
Quantity: 1 milligram
Format: IgG, Liquid (sterile filtered)
Host: Goat
Immunogen: Chicken IgM whole molecule

Background: Anti-Chicken IgM antibody specifically detects chicken IgM. 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, the approximate molecular weight of IgM is 900kDa and possesses 10 binding sites (though due to the size of most antigens, not all sites are capable of binding at once). Due to this large size, IgM is typically isolated to the serum. Anti-Chicken IgM antibody is ideal for investigators in Immunology, Microbiology, and Cell Biology.

Specificity & Preparation: Chicken Secondary Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Chicken IgM 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, Chicken IgM and Chicken Serum. No reaction was observed against other Chicken heavy or light chain proteins.

Usage: Anti-Chicken IgM antibody has been tested by ELISA and is suitable for ELISA, western blot, and immunohistochemistry, as well as other assays requiring lot-to-lot consistency.
ELISA 1:20,000 - 1:100,000
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 Anti-IgM secondary antibody 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