

Mouse Monoclonal Antibody to human IgM

Catalogue Number	sAP-0004
Target Molecule	Name: human IgM Aliases: N/A MW: N/A Entrez Gene ID: N/A
Description	Immunoglobulin M (IgM), along with IgA, IgD, and IgE, make up approximately 20% of the total gamma globulin in the body, with IgG accounting for the other 80%. Each class of antibody gets its designation from the heavy and light peptide chains that make up the antibody structure. IgM is the first immunoglobulin produced during the immune response and the first antibody produced in neonates. Serum levels of IgM are associated with certain autoimmune diseases, and abnormally low levels may indicate the presence of Wiskott-Aldrich Syndrome, an inherited immunodeficiency disorder. Monoclonal Anti-Human IgM is derived from the hybridoma ¹ produced by the fusion of mouse myeloma cells and splenocytes from an immunized mouse.
Immunogen	ChromPure Human IgM (myeloma), whole molecule.
Recombinant Species	Human
Clone	MM3H10G5F2;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Hoppe-Seyler's Z. et al. Physiol. Chem. 354:1505-1509(1973). ; 2. Roitt, I, et al. "Immunology", Mosby., London, England, (1996) fourth edition. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**