

Mouse anti-Human IgM Monoclonal Antibody | anti-IgM antibody

Mouse Anti Human IgM

CATALOG # AAA37977	HOST Mouse	REACTIVITY Human	APPLICATIONS Lateral Flow
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PRODUCT SYNONYMS

IgM; Monoclonal Antibody; Mouse Anti Human IgM; IgM Antibody; Mouse Anti Human; anti-IgM antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Purity/Purification	Greater than 90%. IgM antibody was purified from mouse ascitic fluids by Protein-A chromatography.
Form/Format	IgM antibody solution (10mg/ml) contains phosphate buffered saline pH 7.2.
Sequence Length	112
Applicable Applications for anti-IgM antibody	LF (Lateral Flow)
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-IgM antibody	Introduction: Immunoglobulin M (IgM) is a basic antibody produced by B cells. IgM is the first antibody to emerge in response to initial exposure to an antigen. IgM antibodies are found in the blood and lymph fluid and are the third most widespread serum Ig. Immunoglobulin M (IgM), being the 3rd most widespread serum Ig and exists in two forms- mostly as a pentamer (970kDa) but also as a hexamer. The pentameric IgM has 10 binding sites since each monomer has two antigen binding sites. Due to distance constraints in the hexameric complex, the J chain is found in pentameric IgM but not in the hexameric form. IgM antibodies, which appear early in the course of an infection, typically reappear to a smaller extent after additional exposure. IgM, as opposed to IgG antibodies, do not pass across the human placenta. These properties of IgM make it suitable for the identification of infectious diseases. Description: Monoclonal anti-human IgM is the antibody specific for the lateral flow immunoassay development, for dengue IgG/IgM test, the coating concentration for dengue IgG/IgM rapid test is 1.6mg/ml.
Product Categories/Family for anti-IgM antibody	Monoclonal/Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	1020017
NCBI Official Full Name	IgM, partial

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.