Datasheet for ABIN969482

Mouse anti-Human IgM (Whole Molecule) Antibody

1 Publication

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Overview

Quantity:	100 µL
Target:	IgM
Binding Specificity:	Whole Molecule
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	ELISA

Product Details

Immunogen:	ChromPure Human IgM (myeloma) whole molecule.
Clone:	3H10G5F2
Isotype:	IgG1
Purification:	Purified

Target Details

Target:	IgM
Abstract:	IgM Products
Target Type:	Antibody
Background:	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

Target Details

	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 hybridoma1 produced by the fusion of mouse myeloma cells and splenocytes from an immunized mouse.

Application Details

Application Notes:	Recommended Dilution: ELISA: 1/10000 Not yet tested in other applications. Determining optimal working dilutions by titration test.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS containing 0.03 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
Handling Advice:	Monoclonal antibodies should not be stored at a temperature below -25 °C due to the aggregation effect of the protein.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C or at -20 °C for long term.

Publications

Product cited in:	Li, Xia, Huang, Chen, Su, Li, Wang, Ding, Shao: "A strategy to rapidly identify the functional targets of microRNAs by combining bioinformatics and mRNA cytoplasmic/nucleic ratios in

culture cells." in: **FEBS letters**, Vol. 584, Issue 14, pp. 3198-202, (2010) (PubMed).