Datasheet for ABIN120647

Mouse anti-Human IgM (Chain mu), (Fc Region) Antibody

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Overview

Quantity:	0.1 mg
Target:	IgM
Binding Specificity:	Chain mu, Fc Region
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Purified human IgM
Clone:	CH2
Isotype:	IgG1
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Precipitation methods and ion exchange chromatography
Purity:	> 95 % (by SDS-PAGE)

Target Details

Target:	IgM
Abstract:	IgM Products

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Target Details

Target Type:	Antibody
Background:	Immunoglobulin M (IgM) is produced as a 900 kDa pentamer, which is an efficient complement binder. This antibody type is produced initially in the immune response and it is the first immunoglobulin class to be synthesized by a fetus or newborn. IgM antibodies do not cross the placenta. IgM concentration in blood is 0.12 g/l and its biological survival (plasma T1/2) is 5 days.Synonyms: Human Immunoglobulin M
Molecular Weight:	900 kDa

Application Details

Application Notes:	Western Blotting. Flow Cytometry. Immunocytochemistry. ELISA. Other applications not tested. Otimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	20 mM Tris/HCl with 15 mM sodium azide, approx. pH 7.4
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:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody at 4-8 °C for up to one month or at -28 °C for longer.

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