

ARG65480 anti-IgM antibody [MA2]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [MA2] recognizes IgM
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	The clone MA2 reacts with μ -chain of human IgM, Fab - region localized epitope.
Host	Mouse
Clonality	Monoclonal
Clone	MA2
Isotype	IgG2b
Target Name	IgM
Species	Human
Immunogen	IgM from human serum._x000D_
Conjugation	Un-conjugated

Application Instructions

Application table	Application	Dilution
	ELISA	Assay-dependent

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from ascites by precipitation methods and ion exchange chromatography.
Purity	> 95% (by SDS-PAGE)
Buffer	TBS (pH 8.0) and 15 mM Sodium azide
Preservative	15 mM Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 959 Human](#)

[Swiss-port # P29965 Human](#)

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.

Research Area

Cell Biology and Cellular Response antibody; Developmental Biology antibody; Immune System antibody