ARG63040
Mouse anti-Human IgM (Fc) antibody [CH2]

Package: 100 µg, 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [CH2] recognizes Human IgM (Fc)
Tested Reactivity	Hu
Tested Application	ELISA, FACS, ICC/IF, WB
Specificity	The clone CH2 reacts with Fc fragment of human IgM.
Host	Mouse
Clonality	Monoclonal
Clone	CH2
Isotype	IgG1
Target Name	IgM (Fc)
Species	Human
Immunogen	Purified human IgM.
Conjugation	Un-conjugated

Application Instructions

Application table

Application	Dilution
ELISA	Assay-dependent
FACS	1 µg/ml
ICC/IF	Assay-dependent
WB	Assay-dependent

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

Properties

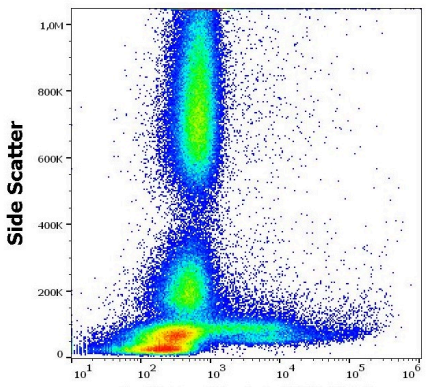
Form	Liquid
Purification	Purified from ascites by precipitation methods and ion exchange chromatography.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4) and 15 mM Sodium azide
Preservative	15 mM Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C 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

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	Immune System antibody

Images



ARG63040 Mouse anti-Human IgM (Fc) antibody [CH2] FACS image

Flow Cytometry: Human peripheral whole blood stained with ARG63040 Mouse anti-Human IgM (Fc) antibody [CH2] at 4 µg/ml dilution, followed by APC-conjugated Goat anti-Mouse antibody.