

Product datasheet

Anti-Human IgM Fc fragment antibody [CH2] ab772

Overview

Product name	Anti-Human IgM Fc fragment antibody [CH2]
Description	Mouse monoclonal [CH2] to Human IgM Fc fragment
Host species	Mouse
Specificity	This antibody reacts with Fc fragment of human IgM. Specificity was confirmed by Western blotting analysis of purified human IgM, under reducing conditions, and also by immunofluorescence staining of Daudi cells
Tested applications	Suitable for: ICC/IF, Flow Cyt, WB, ELISA
Species reactivity	Reacts with: Human
Immunogen	Full length native protein (purified) (Human).

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 15mM Sodium Azide Constituents: PBS, pH 7.4
Purity	>95% by SDS-PAGE
Purification notes	Purified from ascites by DEAE chromatography and precipitation methods.
Clonality	Monoclonal
Clone number	CH2
Myeloma	unknown
Isotype	IgG1
Light chain type	unknown

Applications

Our [Abpromise guarantee](#) covers the use of **ab772** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		
Flow Cyt		
WB		
ELISA		

Application notes

ELISA: Use at an assay dependant concentration.
 Flow Cyt: Use at an assay dependant concentration.
 IF: Use at an assay dependant concentration.
 WB: Use at an assay dependant concentration.
 This antibody blocks binding of standard antibody to Fc fragment of human IgM and does not block binding of standard antibody to Fab fragment of human IgM.

Not tested in other applications.
 Optimal dilutions/concentrations should be determined by the end user.

Target

Relevance

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.

Cellular localization

Cell Membrane and Secreted

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