

Mouse IgM Monoclonal Antibody | anti-IgM antibody

Mouse IgM Isotype Control, Purified mAb

CATALOG # AAA267216	HOST Mouse	REACTIVITY Human Not yet tested in other species.	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

IgM; Monoclonal Antibody; Mouse IgM Isotype Control; Purified mAb; anti-IgM antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human Not yet tested in other species.
Clonality	Monoclonal
Isotype	IgM
Clone Number	4A7C2C7C12
Form/Format	Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide
Sequence Length	112
Applicable Applications for anti-IgM antibody	FCM/FACS (Flow Cytometry)
Experimental Methods	The following is a general protocol for reference only, optimization is required for best results in your experiment. 1.Take 100mul peripheral blood anticoagulated by EDTA and add to the bottom of 5ml tube; 2.Add appropriate amount of antibody to the bottom of flow tube mixing with the whole blood, incubate for 30 minutes at room temperature; 3.Add 2 ml1×RBC lysis buffer, incubate for 10 minutes after mixing, dissolve red blood cells (recommended: RBC lysing Solution 10×); 4.Sample tube is set to 1000 rpm centrifugation for 5 minutes, discard the supernatant; 5.Add 2 ml PBS wash buffer to resuspend the cells, then 1000 rpm centrifugation for 5 minutes, discard the supernatant; 6.Add appropriate amount of fluorescent-labeled anti-mouse IgGs and incubate for 20 minutes away from light at room temperature. 7.Repeat step 5. 8.Add 0.5 ml PBS wash buffer to resuspend the cells and detect by flow cytometry (sample should be determined on the day on the machine and can also be added fixation overnight at 4°C then measured). [PBS wash buffer: PBS +1% FBS +0.1% NaN₃] [Cell fixation: 2% formaldehyde solution]
Preparation and Storage	Store at 4°C. DO NOT FREEZE. LIGHT SENSITIVE MATERIAL.

ADDITIONAL INFORMATION

Related Product Information for anti-IgM antibody	This antibody can be used as a mouse IgM isotype control in flow cytometry and other applications.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	473215
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/igm-antibody-clone-4a7c2c7c12-flow-cytometry-elisa/267216>