Mouse anti-Human IgM Monoclonal Antibody | anti-IgM antibody

Mouse IgM Isotype Control, PE-Cy5 Conjugated mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266708	**Mouse**	**Human**	**Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

IgM; Monoclonal Antibody; Mouse IgM Isotype Control; PE-Cy5 Conjugated mAb; anti-IgM antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgGM
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	IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Experimental Methods	1.Take 100mul peripheral blood anticoagulated by EDTA and add to the bottom of 5ml tube; 2.Add 10mul labeled antibody to the bottom of flow tube mixing with the whole blood, incubate for 20 minutes at room temperature away from light; 3.Add 2 ml1×RBC lysis buffer, incubate for 10 minutes away from light 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, then1000 rpm centrifugation for 5 minutes, discard the supernatant; 6.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 degree C then measured). [PBS wash buffer: PBS +1% FBS +0.1% NaN3] [Cell fixation: 2% formaldehyde solution]
Preparation and Storage	Store at 4 degree C. DO NOT FREEZE. LIGHT SENSITIVE MATERIAL.

IMAGES

FCM/FACS (Flow Cytometry)

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	473215
NCBI Official Full Name	IgM, partial

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://stage.aaabiotech.com/monoclonal/igm-antibody-clone-4a7c2c7c12-immunofluorescence-flow-cytometry-elisa/266708