

Mouse anti-Human Ig light chain lambda Monoclonal Antibody

Mouse anti-Human Ig light chain lambda, Purified mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266670	Mouse	Human	ELISA, Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

Ig light chain lambda; Monoclonal Antibody; Mouse anti-Human Ig light chain lambda; Purified mAb; anti-Ig light chain lambda antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	4AICO106
Form/Format	Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide
Sequence Length	97
Applicable Applications for anti-Ig light chain lambda antibody	ELISA, 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 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 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.

ADDITIONAL INFORMATION

Related Product Information for anti-Ig light chain lambda antibody	The 4AICO106 antibody reacts with both soluble and membrane human immunoglobulin light chain lambda (lambda). It does not react with human immunoglobulin light chain kappa (kappa) or heavy chain (mu). The MHL-38 antibody can be used as primary or secondary reagent for immunofluorescent staining or ELISA analysis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116795128
NCBI Official Full Name	immunoglobulin lambda light chain variable region, 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/ig-light-chain-lambda-antibody-clone-4aico106-immunofluorescence-flow-cytometry-elisa/266670>