

Mouse anti-Human CD56 Monoclonal Antibody | anti-NCAM1 antibody

Anti-CD56 Antibody

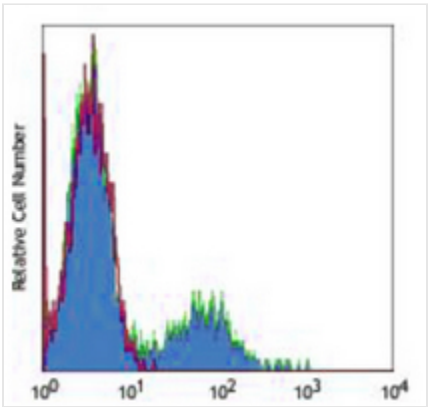
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259563	Mouse	Human	Flow Cytometry, Functional Assay, Immunofluorescence

PRODUCT SYNONYMS

CD56; Monoclonal Antibody; Anti-CD56 Antibody; NCAM; Neural cell adhesion molecule 1; N-CAM-1; NCAM-1; CD antigen CD56; anti-NCAM1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Specificity	Recognises human CD56.
Purity/Purification	The antibody was purified by affinity chromatography.
Form/Format	Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% sodium azide.
Sequence Length	364
Applicable Applications for anti-NCAM1 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence)
Directions for Use	1. Take 100 ul peripheral blood anticoagulated by EDTA and add to the bottom of 5 ml 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 ml RBC lysis buffer; incubate for 10 minutes after mixing; dissolve red blood cells. 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. Add 2 ml PBS wash buffer to resuspend the cells; then 1000 rpm centrifugation for 5 minutes; discard the supernatant. 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).
Preparation and Storage	Shipped and store at 4 degree C for one year. Do not freeze.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of human peripheral blood lymphocytes using Anti-CD56 Antibody, followed by anti-mouse IgG PE.

ADDITIONAL INFORMATION

Related Product Information for anti-NCAM1 antibody	Mouse monoclonal antibody to CD56
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NCBI AND UNIPROT INFORMATION

NCBI GI #	94420689
NCBI GeneID	4684
NCBI Accession #	NP_000606.3
NCBI GenBank Nucleotide #	NM_000615.6
UniProt Accession #	P13591; P13592; P13593; Q05C58; Q15829; Q16180; Q16209; Q59FL7; Q86X47; Q96CJ3; A8K8T8
NCBI Official Full Name	neural cell adhesion molecule 1 isoform 1
NCBI Official Synonym Full Names	neural cell adhesion molecule 1
NCBI Official Symbol	NCAM1
NCBI Official Synonym Symbols	CD56; NCAM; MSK39
NCBI Protein Information	neural cell adhesion molecule 1
UniProt Protein Name	Neural cell adhesion molecule 1
UniProt Gene Name	NCAM1
UniProt Synonym Gene Names	NCAM; N-CAM-1; NCAM-1
UniProt Entry Name	NCAM1_HUMAN

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.