

Anti-CD56 Antibody-AF488 labeled

Catalog #	Source	Reactivity	Applications
CFL8542	Mouse	H	IF, FC

Description	Mouse monoclonal antibody AF488 labeled to CD56
Immunogen	Native purified human CD56.
Purification	The antibody was purified by affinity chromatography.
Specificity	Recognizes human CD56
Clonality	Monoclonal (clone: MEM188)
Conjugation	AF488
Form	Mouse IgG2a kappa. Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% sodium azide.
Dilution	10 µl / assay
Gene Symbol	NCAM1
Alternative Names	NCAM; Neural cell adhesion molecule 1; N-CAM-1; NCAM-1; CD antigen CD56
Entrez Gene	4684 (Human)
SwissProt	P13591 (Human)
Directions for Use	<ol style="list-style-type: none"> 1. Take 100 µl peripheral blood anticoagulated by EDTA and add to the bottom of 5 ml tube. 2. Add 10 µl 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 ml RBC lysis buffer, incubate for 10 minutes away from light 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

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

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 °C then measured).

Storage/Stability

Shipped and store at 4°C for one year. Do not freeze.

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