

CD56 (NCAM) Monoclonal Antibody (CMSSB), APC, eBioscience™

Product Details	
Size	100 Tests
Species Reactivity	Human
Published Species	Human, Mouse
Host/Isotype	Mouse / IgG1, kappa
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), APC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	CMSSB
Conjugate	APC
Excitation/Emission Max	651/660 nm
Form	Liquid
Concentration	5 µL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_10597454

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (0.125 µg)/test	28 Publications

Product Specific Information

Description: This CMSSB monoclonal antibody reacts with human CD56, also known as Neural Cell Adhesion Molecule (NCAM). CD56 is a highly glycosylated transmembrane molecule expressed by neurons and plays a role in the homotypic adhesion of neural cells. In the hematopoietic system, CD56 is expressed on NK cells and a subset of T cells referred to as NKT cells. Staining with CMSSB does not block binding of MEM188 or CB56.

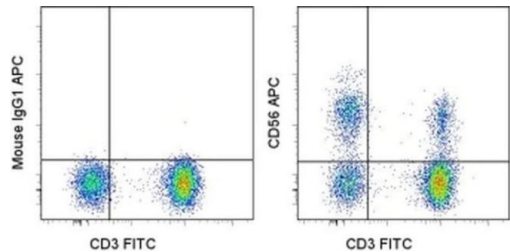
Applications Reported: This CMSSB antibody has been reported for use in flow cytometric analysis.

Applications Tested: This CMSSB antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at 5 µL (0.125 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test.

Excitation: 633-647 nm; Emission: 660 nm; Laser: Red Laser.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For CD56 (NCAM) Monoclonal Antibody (CMSSB), APC, eBioscience™



CD56 (NCAM) Antibody (17-0567-42) in Flow
Staining of normal human peripheral blood cells with Anti-Human CD3 FITC (Product # 11-0037-42) and Mouse IgG1 K Isotype Control APC (Product # 17-4714-81) (left) or Anti-Human CD56 (NCAM) APC (right). Cells in the lymphocyte gate were used for analysis.

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28 References

Flow Cytometry (28)

<p>Annals of translational medicine</p> <p>Human serum albumin promotes self-renewal and expansion of umbilical cord blood CD34⁺ hematopoietic stem/progenitor cells.</p> <p>"Published figure using CD56 (NCAM) monoclonal antibody (Product # 17-0567-42) in Flow Cytometry"</p> <p>Authors: Hua J,Jiao T,Qiao Y,Zhang S,Xiao T,Zhang Y,Yan J</p>	<p>Year 2023</p>
<p>Cell death & disease</p> <p>Lenvatinib for effectively treating antiangiogenic drug-resistant nasopharyngeal carcinoma.</p> <p>"17-0567-42 was used in Flow cytometry/Cell sorting to provide mechanistic insights on FGF-2 signaling in the modulation of VEGF pathway activation in the NPC microenvironment and propose an effective NPC-targeted therapy by using a clinically available drug."</p> <p>Authors: Sun Q,Wang Y,Ji H,Sun X,Xie S,Chen L,Li S,Zeng W,Chen R,Tang Q,Zuo J,Hou L,Hosaka K,Lu Y,Liu Y,Ye Y, Yang Y</p>	<p>Year 2022</p> <p>Species Human</p>

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