

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.

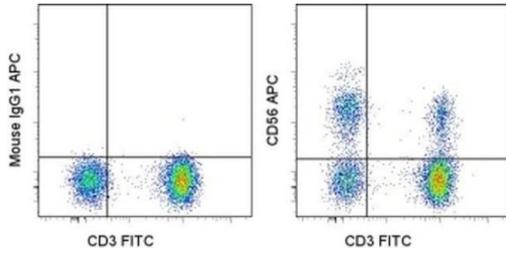
Applications Reported: This CMSSB antibody has been reported for use in flow cytometric analysis.

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 10⁵ to 10⁸ 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 (Product # 17-0567-42) (right). Cells in the lymphocyte gate were used for analysis.

[View more figures on thermofisher.cn](https://thermofisher.cn)

28 References

Flow Cytometry (28)

Annals of translational medicine

Human serum albumin promotes self-renewal and expansion of umbilical cord blood CD34⁺ hematopoietic stem/progenitor cells.

"Published figure using CD56 (NCAM) monoclonal antibody (Product # 17-0567-42) in Flow Cytometry"

Authors: Hua J, Jiao T, Qiao Y, Zhang S, Xiao T, Zhang Y, Yan J

Year
2023

Cell death & disease

Lenvatinib for effectively treating antiangiogenic drug-resistant nasopharyngeal carcinoma.

"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."

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

Year
2022

Species
Human

[View more Flow references on thermofisher.cn](https://thermofisher.cn)

More applications with references on thermofisher.cn

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.