

For Research Use Only

FITC Plus Anti-Mouse NCAM1/CD56 Rabbit Recombinant Antibody

Catalog Number: FITC-98118



Basic Information

Catalog Number:

FITC-98118

Size:

100ug , 500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0652

GenBank Accession Number:

GeneID (NCBI):

17967

UNIPROT ID:

P13595-1

Full Name:

neural cell adhesion molecule 1

Calculated MW:

119 kDa

Purification Method:

Protein A purification

CloneNo.:

240936A4

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

495 nm / 524 nm

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : mouse bone marrow cells,

Background Information

Neural cell adhesion molecule 1 (NCAM1, also known as CD56, NCAM, and MSK39) is a membrane-bound cell surface glycoprotein and a member of the immunoglobulin supergene family, which induces cell-to-cell interactions during embryonic development, cell migration, and organogenesis (PMID: 8013635; 1855476; 1391354). Mouse natural killer (NK) cells do not express the murine homolog of CD56 (PMID: 17100875). The molecular weight of NCAM1 changes from the 120 kDa isoform in normal tissue to the 140/180 kDa isoforms in tumors (PMID: 10086383).

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

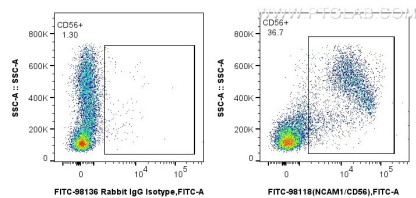
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

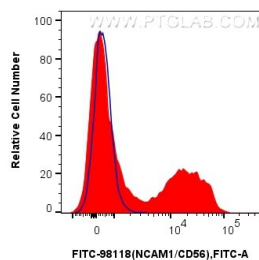
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug FITC Plus Anti-Mouse NCAM1/CD56 Rabbit RecAb (FITC-98118, Clone:240936A4) (red), or 0.25 ug FITC Plus Rabbit IgG Isotype Control RecAb (FITC-98136, Clone: 240953C9) (blue). Cells were not fixed.



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug FITC Plus Anti-Mouse NCAM1/CD56 Rabbit RecAb (FITC-98118, Clone:240936A4) (red), or 0.25 ug FITC Plus Rabbit IgG Isotype Control RecAb (FITC-98136, Clone: 240953C9) (blue). Cells were not fixed.