

For Research Use Only

FITC Plus Anti-Mouse NCAM1/CD56 Rabbit Recombinant Antibody

Catalog Number:**FITC-98118**



Basic Information

| | | | |
|----------------------------------|-------------------|----------------------------------|---|
| Catalog Number: | FITC-98118 | GenBank Accession Number: | |
| Size: | 100ug , 500 ug/ml | GeneID (NCBI): | 17967 |
| Source: | Rabbit | UNIPROT ID: | P13595-1 |
| Isotype: | IgG | Full Name: | neural cell adhesion molecule 1 |
| Immunogen Catalog Number: | EG0652 | Calculated MW: | 119 kDa |
| | | | Purification Method: Protein A purification |
| | | | CloneNo.: 240936A4 |
| | | | Recommended Dilutions: FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension |
| | | | Excitation/Emission maxima wavelengths: 495 nm / 524 nm |

Applications

| | |
|-----------------------------|--|
| Tested Applications: | |
| FC | Positive Controls: |
| Species Specificity: | FC : mouse bone marrow cells, mouse |

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).

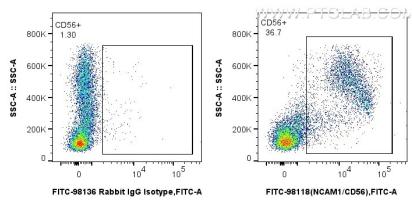
Storage

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

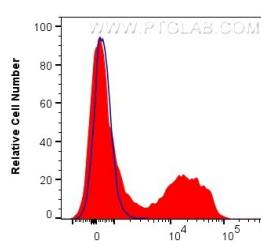
For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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.