

For Research Use Only

Anti-Mouse NCAM1/CD56 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98118-1-PBS



Basic Information

Catalog Number:

98118-1-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

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

Applications

Tested Applications:

FC

Species Specificity:

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

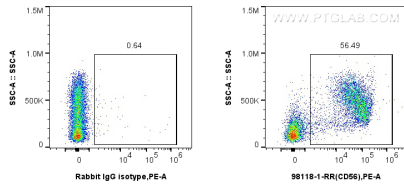
T: 4006900926

E: Proteintech-CN@ptglab.com

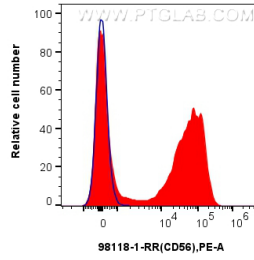
W: ptgcn.com

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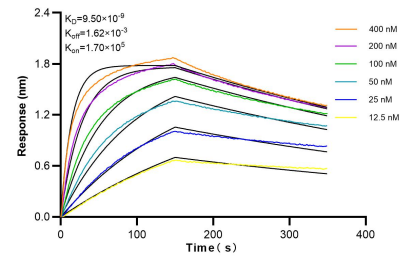
Selected Validation Data



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug Anti-Mouse CD56 Rabbit Recombinant Antibody (98118-1-RR, Clone: 240936A4) or 0.25 ug Isotype Control, and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Cells were not fixed. This data was developed using the same antibody clone with 98118-1-PBS in a different storage buffer formulation.



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug Anti-Mouse CD56 Rabbit Recombinant Antibody (98118-1-RR, Clone: 240936A4) (red) or 0.25 ug Isotype Control (blue), and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Cells were not fixed. This data was developed using the same antibody clone with 98118-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 98118-1-RR against Mouse CD56 were performed. The affinity constant is 9.50 nM.