

For Research Use Only

# Anti-Human NCAM1/CD56 Rabbit Recombinant Antibody

Catalog Number: 98033-1-RR



## Basic Information

Catalog Number:

98033-1-RR

Size:

100ug, 1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC047244

GeneID (NCBI):

4684

ENSEMBL Gene ID:

ENSG00000149294

UNIPROT ID:

P13591

Full Name:

neural cell adhesion molecule 1

Calculated MW:

95 kDa

Purification Method:

Protein A purification

CloneNo.:

240078A7

## Applications

Tested Applications:

FC

Species Specificity:

human

## Background Information

Neural cell adhesion molecule 1 (NCAM1, also known as CD56) is a cell adhesion glycoprotein of the immunoglobulin (Ig) superfamily. It is a multifunction protein involved in synaptic plasticity, neurodevelopment, and neurogenesis. NCAM1 is expressed on human neurons, glial cells, skeletal muscle cells, NK cells and a subset of T cells, and the expression is observed in a wide variety of human tumors, including myeloma, myeloid leukemia, neuroendocrine tumors, Wilms' tumor, neuroblastoma, and NK/T cell lymphomas.

## Storage

Storage:

Store at 2-8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide.

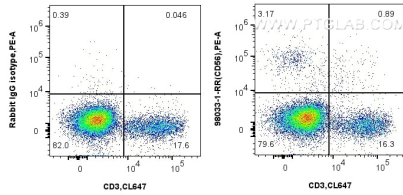
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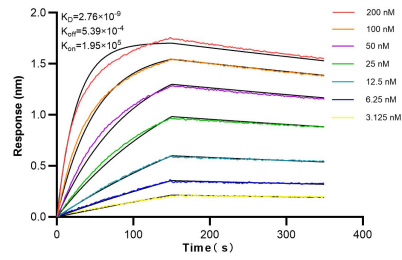
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## Selected Validation Data



$1 \times 10^6$  human peripheral blood leukocytes were surface stained with 0.25  $\mu$ g Anti-Human CD56 Rabbit Recombinant Antibody (98033-1-RR, Clone: 240078A7) or 0.25  $\mu$ g Isotype Control, and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Cells were then stained with CoraLite® Plus 647 Anti-Human CD3. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



Biolayer interferometry (BLI) kinetic assays of 98033-1-RR against Human NCAM1 were performed. The affinity constant is 2.76 nM.