

For Research Use Only

# FcZero-rAb™ Biotin Anti-Human NCAM1/CD56 Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98033



## Basic Information

<b>Catalog Number:</b> Biotin-FcA98033	<b>GenBank Accession Number:</b> BC047244	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , 500 ug/ml	<b>GeneID (NCBI):</b> 4684	<b>CloneNo.:</b> 240078A7
<b>Source:</b> Rabbit	<b>ENSEMBL Gene ID:</b> ENSG00000149294	<b>Recommended Dilutions:</b> FC: 0.25 ug per 10 <sup>6</sup> cells in a 100 µl suspension
<b>Isotype:</b> IgG	<b>Full Name:</b> neural cell adhesion molecule 1	<b>Excitation/Emission maxima wavelengths:</b> -
<b>Immunogen Catalog Number:</b> EG31816	<b>Calculated MW:</b> 95 kDa	

## Applications

<b>Tested Applications:</b> FC	<b>Positive Controls:</b> FC : human PBMCs,
<b>Species Specificity:</b> 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. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.09% sodium azide, pH7.3

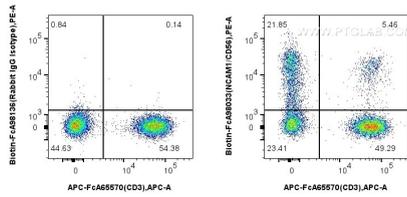
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Biotin Anti-Human NCAM1/CD56 Rabbit RecAb (Biotin-FcA98033, Clone: 240078A7) or Biotin Rabbit IgG Isotype Control RecAb (Biotin-FcA98136, Clone: 240953C9), and PE-conjugated streptavidin. Cells were then stained with FcZero-rAb™ APC Anti-Human CD3 (UCHT1) Rabbit IgG Recombinant Antibody (APC-FcA65570, Clone: UCHT1). Cells were not fixed.