

For Research Use Only

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

Catalog Number: Biotin-FcA98033



Basic Information

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

Applications

Tested Applications: FC	Positive Controls: FC : human PBMCs,
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.

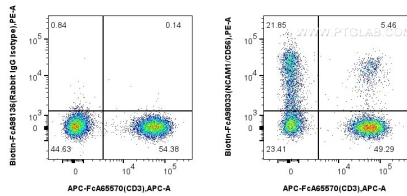
Storage

Storage:
Store at 2-8°C. 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)
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Selected Validation Data



1x10⁶ 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.