

For Research Use Only

# FcZero-rAb™ PE-Cyanine5.5 Anti-Human NCAM1/CD56 Rabbit Recombinant Antibody

Catalog Number: PY5P5-FcA98033



## Basic Information

Catalog Number:	PY5P5-FcA98033	GenBank Accession Number:	BC047244	Purification Method:	Protein A purification
Concentration:	100 tests, 5 $\mu$ l/test	GenID (NCBI):	4684	Clone No.:	240078A7
Source:	Rabbit	ENSEMBL Gene ID:	ENSG00000149294	Recommended Dilutions:	FC: 5 $\mu$ l per $10^6$ cells in a 100 $\mu$ l suspension
Isotype:	IgG	UNIPROT ID:	P13591	Excitation/Emission maxima wavelengths:	488 nm, 561 nm / 692 nm
Immunogen Catalog Number:	EG31816	Full Name:	neural cell adhesion molecule 1	Calculated MW:	95 kDa

## Applications

Tested Applications:	FC	Positive Controls:
Species Specificity:	human	FC : human PBMCs,

## 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 and 0.5% BSA, pH7.3

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

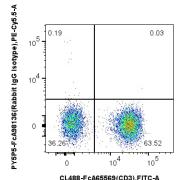
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E: Proteintech-CN@ptglab.com

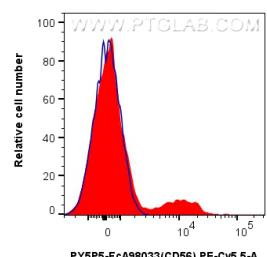
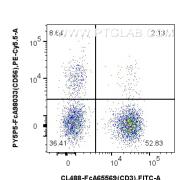
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## Selected Validation Data



$1 \times 10^6$  human PBMCs were surface stained with FcZero-rAb™ CoraLite® Plus 488 Anti-Human CD3 and 5  $\mu$ l PE-Cyanine5.5 Anti-Human NCAM1/CD56 Rabbit RecAb (PY5P5-FcA98033, Clone:240078A7), or 5  $\mu$ l FcZero-rAb™ PE-Cyanine5.5 Rabbit IgG Isotype Control Recombinant Antibody (PY5P5-FcA98136, Clone: 240953C9). Cells were not fixed.



$1 \times 10^6$  human PBMCs were surface stained with FcZero-rAb™ CoraLite® Plus 488 Anti-Human CD3 and 5  $\mu$ l PE-Cyanine5.5 Anti-Human NCAM1/CD56 Rabbit RecAb (PY5P5-FcA98033, Clone:240078A7) (red), or 5  $\mu$ l FcZero-rAb™ PE-Cyanine5.5 Rabbit IgG Isotype Control Recombinant Antibody (PY5P5-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.