

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
Size:	100 tests, 5 µl/test	GenelD (NCBI):	4684	Clone No.:	240078A7
Source:	Rabbit	ENSEMBL Gene ID:	ENSG00000149294	Recommended Dilutions:	FC: 5 µl per 10 ⁶ cells in a 100 µl 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.

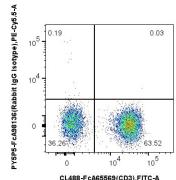
Storage

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

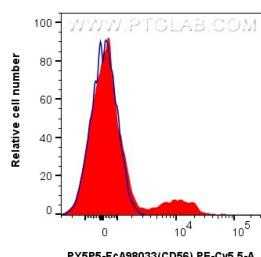
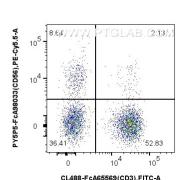
For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



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



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