

For Research Use Only

# FcZero-rAb™ PE-CoraLite® Plus 594 Anti-Human NCAM1/CD56 Rabbit Recombinant Antibody

Catalog Number: PCL594-FcA98033



## Basic Information

Catalog Number:  
PCL594-FcA98033

Size:  
100 tests, 5 µl/test

Source:  
Rabbit

Isotype:  
IgG

Immunogen Catalog Number:  
EG31816

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

Recommended Dilutions:  
FC: 5 µl per 10<sup>6</sup> cells in a 100 µl  
suspension

Excitation/Emission maxima  
wavelengths:  
588nm/604nm

## Applications

Tested Applications:  
FC

Species Specificity:  
human

Positive Controls:

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

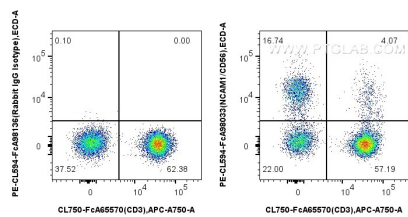
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
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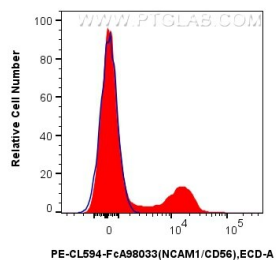
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with FcZero-rAb™ CoraLite® Plus 750 Anti-Human CD3 (UCHT1), and 5 ul FcZero-rAb™ PE-CoraLite® Plus 594 Anti-Human NCAM1/CD56 Rabbit RecAb (PE-CL594-FcA98033, Clone: 240078A7) or FcZero-rAb™ PE-CoraLite® Plus 594 Plus Rabbit IgG Isotype Control RecAb (PE-CL594-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10<sup>6</sup> human PBMCs were surface stained with 5 ul FcZero-rAb™ PE-CoraLite® Plus 594 Anti-Human NCAM1/CD56 Rabbit RecAb (PE-CL594-FcA98033, Clone: 240078A7) (red) or FcZero-rAb™ PE-CoraLite® Plus 594 Rabbit IgG Isotype Control RecAb (PE-CL594-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.