

For Research Use Only

FcZero-rAb™ CoraLite® Plus 405 Anti-Human NCAM1/CD56 Rabbit Recombinant Antibody

Catalog Number: CL405-FcA98033



Basic Information

| | | |
|---------------------------|---------------------------------|---|
| Catalog Number: | GenBank Accession Number: | Purification Method: |
| CL405-FcA98033 | BC047244 | Protein A purification |
| Concentration: | GenID (NCBI): | CloneNo.: |
| 100 tests, 5 µl/test | 4684 | 240078A7 |
| Source: | ENSEMBL Gene ID: | Recommended Dilutions: |
| Rabbit | ENSG00000149294 | FC: 5 µl per 10 ⁶ cells in a 100 µl suspension |
| Isotype: | UNIPROT ID: | Excitation/Emission maxima wavelengths: |
| IgG | P13591 | 399 nm / 422 nm |
| Immunogen Catalog Number: | Full Name: | |
| EG31816 | neural cell adhesion molecule 1 | |
| | Calculated MW: | |
| | 95 kDa | |

Applications

| | |
|----------------------|--------------------|
| Tested Applications: | Positive Controls: |
| FC | 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

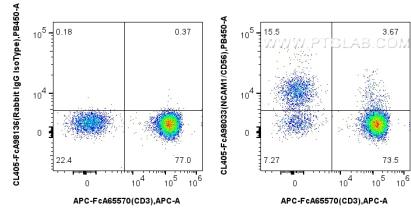
Storage: Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer: PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com

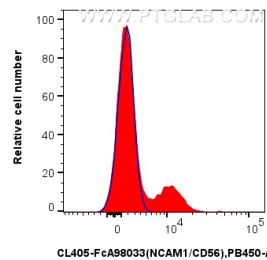
W: ptgcn.com

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Selected Validation Data



1x10⁶ human PBMCs were surface stained with APC Anti-Human CD3 (UCHT1) and 5 ul CoraLite® Plus 405 Anti-Human NCAM1/CD56 Rabbit RecAb (CL405-FcA98033, Clone:240078A7), or 5 ul Rabbit IgG Isotype Control RecAb (CL405-FcA98136, Clone: 240953C9). Cells were not fixed. Lymphocytes were gated.



1x10⁶ human PBMCs were surface stained with 5 ul CoraLite® Plus 405 Anti-Human NCAM1/CD56 Rabbit RecAb (CL405-FcA98033, Clone:240078A7) (red), or 5 ul Rabbit IgG Isotype Control RecAb (CL405-FcA98136, Clone: 240953C9) (blue). Cells were not fixed. Lymphocytes were gated.