

For Research Use Only

# FITC Plus Anti-Human CD56 (B-A19)

Catalog Number: FITC-65264



## Basic Information

<b>Catalog Number:</b> FITC-65264	<b>GenBank Accession Number:</b> BC014205	<b>Purification Method:</b> Affinity purification
<b>Size:</b> 100tests , 5 µl/test	<b>GeneID (NCBI):</b> 4684	<b>CloneNo.:</b> B-A19
<b>Source:</b> Mouse	<b>Full Name:</b> neural cell adhesion molecule 1	<b>Excitation/Emission maxima wavelengths:</b> 495 nm / 524 nm
<b>Isotype:</b> IgG1		

## Applications

**Tested Applications:**  
FC

**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

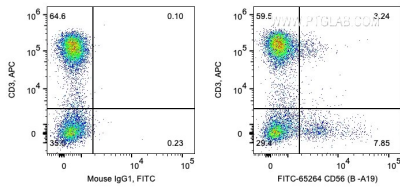
**Storage:**  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.09% sodium azide and 0.5% BSA.

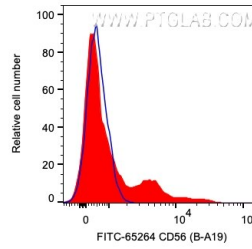
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



1X10<sup>6</sup> human PBMCs were surface co-stained with APC Anti-Human CD3 and 5 ul FITC Plus Anti-Human CD56 (FITC-65264, Clone:B-A19) or Mouse IgG1 Isotype Control (66360-1-Ig, Clone: T1F8D3F10). Cells were not fixed. Lymphocytes were gated.



1X10<sup>6</sup> human PBMCs were surface stained with 5 ul FITC Plus Anti-Human CD56 (FITC-65264, Clone:B-A19) or Mouse IgG1 Isotype Control (66360-1-Ig, Clone: T1F8D3F10). Cells were not fixed. CD3 Negative Lymphocytes were gated.