

## PerCP/Cyanine5.5 anti-human CD56 (NCAM) Recombinant Antibody

<b>Catalog# / Size</b>	398811 / 25 tests 398812 / 100 tests
<b>Clone</b>	QA18A21
<b>Regulatory Status</b>	RUO
<b>Other Names</b>	Leu-19, NKH1
<b>Isotype</b>	Mouse IgG1, $\kappa$
<b>Description</b>	CD56 is a single transmembrane glycoprotein also known as NCAM (Neural Cell Adhesion Molecule), Leu-19, or NKH1. It is a member of the Ig superfamily. The 140 kD isoform is expressed on NK cells and NK-T cells. CD56 is also expressed in the brain (cerebellum and cortex) and at neuromuscular junctions. Certain large granular lymphocyte (LGL) leukemias, small-cell lung carcinomas, neuronal derived tumors, myelomas, and myeloid leukemias also express CD56. CD56 plays a role in homophilic and heterophilic adhesion via binding to itself or heparin sulfate.

### Product Details

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<b>Verified Reactivity</b>	Human
<b>Antibody Type</b>	Recombinant
<b>Host Species</b>	Mouse
<b>Formulation</b>	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and BSA (origin USA)
<b>Preparation</b>	The antibody was purified by affinity chromatography and conjugated with PerCP/Cyanine5.5 under optimal conditions.
<b>Concentration</b>	Lot-specific (to obtain lot-specific concentration, please enter the lot number in our <a href="#">Concentration and Expiration Lookup</a> or <a href="#">Certificate of Analysis</a> online tools.)
<b>Storage &amp; Handling</b>	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. <b>Do not freeze.</b>
<b>Application</b>	<a href="#">FC - Quality tested</a>
<b>Recommended Usage</b>	Each lot of this antibody is quality control tested by <a href="#">immunofluorescent staining with flow cytometric analysis</a> . For flow cytometric staining, the suggested use of this reagent is 5 $\mu$ L per million cells in 100 $\mu$ L staining volume or 5 $\mu$ L per 100 $\mu$ L of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.
<b>Excitation Laser</b>	Blue Laser (488 nm)
<b>RRID</b>	AB_2894512 (BioLegend Cat. No. 398811) AB_2894512 (BioLegend Cat. No. 398812)

### Antigen Details

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<b>Structure</b>	Ig superfamily, single transmembrane or GPI-anchored glycoprotein
<b>Distribution</b>	NK cells, T subset, neural tissue, some LGL and myeloid leukemias
<b>Function</b>	Adhesion
<b>Ligand/Receptor</b>	Heparin sulfate
<b>Cell Type</b>	B cells, Leukemia, Mesenchymal Stem Cells, Neurons, T cells
<b>Biology Area</b>	Cell Adhesion, Cell Biology, Costimulatory Molecules, Immunology, Innate Immunity,

**Molecular Family**

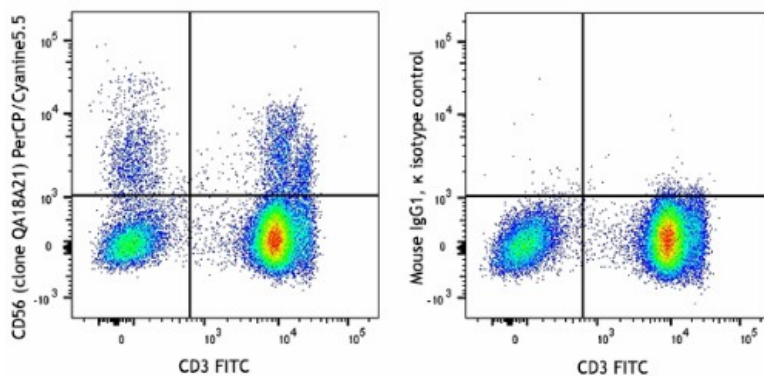
Adhesion Molecules, CD Molecules

**Antigen References**

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**Gene ID**[4684](#)**Related Protocols**[Cell Surface Flow Cytometry Staining Protocol](#)**Other Formats**

PE anti-human CD56 (NCAM) Recombinant Antibody, Purified anti-human CD56 (NCAM) Recombinant Antibody, APC anti-human CD56 (NCAM) Recombinant Antibody, PE/Dazzle™ 594 anti-human CD56 (NCAM) Recombinant Antibody, PerCP/Cyanine5.5 anti-human CD56 (NCAM) Recombinant Antibody, PE/Cyanine7 anti-human CD56 (NCAM) Recombinant Antibody

**Product Data**

Human peripheral blood lymphocytes were stained with anti-human CD56 FITC and anti-human CD56 (NCAM) recombinant (clone QA18A21) PerCP/Cyanine5.5 (left) or anti-mouse IgG1,  $\kappa$  PerCP/Cyanine5.5 isotype control (right).

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