Anti-human CD56 (NCAM) Antibody (5.1H11, Human IgG1 Fc Silent Kappa) | PA007701.h1Fs

Catalog No.: PA007701.h1Fs | **Product Name:** Recombinant Anti-human CD56 (NCAM) Monoclonal Antibody (Clone: 5.1H11), Human IgG1 Fc Silent Kappa | **Human IgG1 Fc Silent / Recombinant Monoclonal Antibody**

Recombinant anti-human CD56 / NCAM monoclonal antibody (Clone 5.1H11), specifically designed for sensitive flow cytometric analysis and characterization of human NK cells and neural cell adhesion molecule (NCAM) expressing cell subsets. Variable regions are derived from clone 5.1H11 and produced in mammalian cell culture to ensure high lot-to-lot consistency and specificity.

PRODUCT SPECIFICATIONS

Catalog No.	PA007701.h1Fs
Product Name	Recombinant Anti-human CD56 (NCAM) Monoclonal Antibody (Clone: 5.1H11), Human IgG1 Fc Silent Kappa
Supplier / Brand	Syd Labs, Inc. / Syd Labs
Clone	5.1H11
Isotype	Human IgG1 Fc Silent Kappa
Source / Host	The anti-human CD56 (NCAM) monoclonal antibody (clone: 5.1H11) was produced in mammalian cells.
Specificity/Sensitivity	The recombinant 5.1H11 antibody specifically binds to human CD56 (NCAM).
Applications	Flow cytometry (FC), and Immunohistochemistry - Frozen (IHC-F). (Cell Surface Staining, NK Cell Analysis)
Form Of Antibody	0.2 μM filtered solution, pH 7.4, no stabilizers or preservatives.
Conjugate	non-conjugated.
Purity	>95% by SDS-PAGE under reducing conditions and HPLC.
Shipping	The recombinant anti-human CD56 (NCAM) monoclonal antibody of clone 5.1H11 is shipped with ice pack. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70°C as supplied. 1 month from date of receipt, 2 to 8°C as supplied.
Note	Recombinant mouse IgG1 isotype controls and Recombinant human IgG1 isotype controls are available. Condition of sample preparation and optimal sample dilution should be determined experimentally by the investigator.

BACKGROUND & APPLICATION INFORMATION

PA007701.h1Fs: Recombinant Anti-human CD56 (NCAM) Monoclonal Antibody (Clone: 5.1H11), Human IgG1 Fc Silent Kappa

Recombinant human IgG1 Monoclonal Antibody with Fc silent mutation.

CD56 (NCAM) is a key cell surface glycoprotein involved in cell-matrix and cell-cell interactions. The engineered Fc silent mutation on the Human IgG1 scaffold eliminates binding to Fc-gamma receptors, significantly reducing background noise and improving reliability during NK cell profiling, cell surface staining, and flow cytometric assays.

Order & Contact Information

Phone: 1-617-401-8149
Fax: 1-617-606-5019
Email: message@sydlabs.com
Offline Order: With formal purchase order (PO) or credit card