Biotinylated Anti-human CD56 (NCAM) Antibody (5.1H11, Human IgG1 Fc Silent Kappa) | PA007769.h1Fs-b

Catalog No.: PA007769.h1Fs-b | **Product Name:** Biotinylated Recombinant Anti-human CD56 (NCAM) Monoclonal Antibody (Clone: 5.1H11), Human IgG1 Fc Silent Kappa | **Biotin-Conjugated / Recombinant Monoclonal Antibody**

Recombinant human anti-human CD56 / NCAM monoclonal antibody (Clone 5.1H11, Cat. No. PA007769.h1Fs-b), engineered with a Human IgG1 Fc-Silent domain and conjugated with Biotin to minimize non-specific Fc receptor binding and background noise during flow cytometric analysis. Variable regions are derived from clone 5.1H11 and produced in mammalian cell culture.

PRODUCT SPECIFICATIONS

Catalog No.	PA007769.h1Fs-b
Product Name	Biotinylated 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 site-directed biotinylated anti-human CD56 (NCAM) monoclonal antibody (clone: 5.1H11) was produced in mammalian cells.
Specificity/Sensitivity	The site-directed biotinylated recombinant 5.1H11 antibody specifically binds to human CD56 (NCAM).
Applications	Flow cytometry (FC) with various dye conjugation through streptavidin; conjugation to streptavidin agarose beads or streptavidin magnetic beads. (Cell Surface Staining, NK Cell Immunophenotyping)
Form Of Antibody	0.2 μM filtered solution, pH 7.4, no stabilizers or preservatives.
Conjugate	Biotin-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

PA007769.h1Fs-b: Biotinylated Recombinant Anti-human CD56 (NCAM) Monoclonal Antibody (Clone: 5.1H11), Human IgG1 Fc Silent Kappa

Recombinant human IgG1 Monoclonal Antibody with site-directed biotinylation through the Avi tag at the C-terminus of the antibody heavy chain.

CD56 (NCAM) is a key cell surface marker expressed on NK cells and neural cell populations. Combining site-directed biotinylation via the C-terminal Avi tag with the Human IgG1 Fc Silent mutation ensures minimal non-specific background and flexible detection using streptavidin-conjugated reagents.

Order & Contact Information

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Offline Order: With formal purchase order (PO) or credit card