PA007347.m2a: Non-conjugated Recombinant Anti-human CD56 Monoclonal Antibody (Clone: N901), Mouse IgG2a Kappa

Catalog No.: PA007347.m2a | **Product Name:** Recombinant Anti-human CD56 Monoclonal Antibody (Clone: N901), Mouse IgG2a Kappa

Recombinant mouse anti-human CD56 monoclonal antibody (Clone N901), expressed in mammalian cells. Variable regions are derived from anti-human CD56 clone N901 and expressed with a Mouse IgG2a heavy chain, providing high specificity for the phenotypic identification and functional analysis of human natural killer (NK) cells and NKT cell subsets.

PRODUCT SPECIFICATIONS

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Product Name	Recombinant Anti-human CD56 Monoclonal Antibody (Clone: N901), Mouse IgG2a Kappa
Supplier Name	Syd Labs, Inc.
Brand Name	Syd Labs
Clone	N901.
Isotype	Mouse IgG2a kappa.
Source/Host	The recombinant anti-human CD56 monoclonal antibody (clone: N901) was produced in mammalian cells.
Specificity/Sensitivity	The recombinant mouse monoclonal antibody (clone: N901) specifically binds to the human CD56 protein.
Applications	Flow cytometry (FC), and Immunohistochemistry - Frozen (IHC-F).
Form Of Antibody	0.2 uM filtered solution, pH 7.4, no stabilizers or preservatives.
Conjugate	Non-conjugated.
Purity	>95% by SDS-PAGE under reducing conditions and HPLC.
Shipping & Storage	Shipped with ice pack. Store at -20 to -70°C (12 months) or 2 to 8°C (1 month). Avoid repeated freeze-thaw cycles.

REFERENCES & BACKGROUND

Recombinant Mouse IgG2a Monoclonal Antibody.

The recombinant N901 antibody binds to the human CD56 protein, a homophilic binding glycoprotein expressed on the surface of neurons, glia and skeletal muscle. CD56 is a marker of neural lineage commitment. CD56 expression is found in the hematopoietic system, natural killer cells, and other lymphoid cells, including gamma delta (γδ) T cells and activated CD8+ T cells, as well as on dendritic cells. CD56 has a role in cell-cell adhesion, neurite outgrowth, synaptic plasticity, and learning and memory.