Anti-human CD56 Antibody (Clone: N901) | PA007278.m1

Catalog No.: PA007278.m1 | **Isotype:** Mouse IgG1 Kappa | **In Vivo Grade**

Recombinant mouse IgG1 isotype controls are available. Condition of sample preparation and optimal sample dilution should be determined experimentally by the investigator.

Product Specifications

Catalog No.	PA007278.m1
Product Name	In vivo Grade Recombinant Anti-human CD56 Monoclonal Antibody (Clone: N901), Mouse IgG1 Kappa
Clone & Isotype	N901 | Mouse IgG1 Kappa
Synonyms	Neural cell adhesion molecule, NCAM, CD56, MSK39, neural cell adhesion molecule 1, NCAM1
Applications	ELISA, flow cytometry, neutralization, functional assays such as bioanalytical PK and ADA assays, and those assays for studying biological pathways affected by the human CD56 protein.
Reactivity & Immunogen	Human CD56 protein. | Recombinant human CD56 / NCAM.
Immunogen / Host	The anti-human CD56 monoclonal antibody (clone: N901) was produced in mammalian cells.
Purification	The in vivo grade recombinant anti-human CD56 monoclonal antibody was affinity-purified by protein A.
Purity & Endotoxin	**>95%** by SDS-PAGE under reducing conditions and HPLC. | **< 1 EU per 1 mg** of the protein by the LAL method.
Formulation	0.2 uM filtered solution, pH 7.4, no stabilizers or preservatives.
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.

Biological Description & Background

CD56 (Neural Cell Adhesion Molecule, NCAM) is a homophilic binding glycoprotein expressed on the surface of neurons, glia, skeletal muscle, and natural killer (NK) cells. It plays an important role in cell-cell adhesion, neurite outgrowth, synaptic plasticity, and is widely used as a clinical and research marker for NK cells and certain neuroendocrine tumors.

Ordering & Technical Support

For custom volume ordering or inquiries, please visit the product webpage or contact our support team:

- **Product Webpage:** https://www.ushelf.com/anti-human-cd56-monoclonal-antibody-pa007278-m1/
- **Order Phone:** 1-617-401-8149 | **Fax:** 1-617-606-5022
- **Support Email:** message@sydlabs.com