

Product datasheet

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ARG55890 anti-CD56 / NCAM antibody [123C3.D5]

Package: 50 μg Store at: -20°C

Summary

Product Description Mouse Monoclonal antibody [123C3.D5] recognizes CD56 / NCAM

Tested Reactivity Hu, Rat

Tested Application FACS, ICC/IF, IHC-P

Host Mouse

Clone Monoclonal L23C3.D5

Isotype lgG1, kappa
Target Name CD56 / NCAM

Species Human

Immunogen A membrane preparation of a small cell lung carcinoma

Conjugation Un-conjugated

Alternate Names CD56; NCAM; CD antigen CD56; N-CAM-1; MSK39; NCAM-1; Neural cell adhesion molecule 1

Application Instructions

Application table	Application	Dilution
	FACS	0.5 - 1 μg/10^6 cells
	ICC/IF	0.5 - 2 μg/ml
	IHC-P	0.5 - 1 μg/ml
Application Note	IHC-P: Antigen Retrieval: Boil tissue section in 10 mM Citrate buffer (pH 6.0) for 10-20 min, followed by cooling at RT for 20 min. Incubation Time: 30 min at RT. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid	
Purification	Purification with Protein G.	
Buffer	PBS (pH 7.4), 0.05% Sodium azide and 0.1 mg/ml BSA	
Preservative	0.05% Sodium azide	
Stabilizer	0.1 mg/ml BSA	
Concentration	0.2 mg/ml	
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated	

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links GeneID: 24586 Rat

GeneID: 4684 Human

Swiss-port # P13591 Human

Swiss-port # P13596 Rat

Gene Symbol NCAM1

Gene Full Name neural cell adhesion molecule 1

Background This gene encodes a cell adhesion protein which is a member of the immunoglobulin superfamily. The

encoded protein is involved in cell-to-cell interactions as well as cell-matrix interactions during development and differentiation. The encoded protein has been shown to be involved in development of the nervous system, and for cells involved in the expansion of T cells and dendritic cells which play an important role in immune surveillance. Alternative splicing results in multiple transcript variants.

[provided by RefSeq, Jun 2011]

Function This protein is a cell adhesion molecule involved in neuron-neuron adhesion, neurite fasciculation,

outgrowth of neurites, etc. [UniProt]

Highlight Related products:

CD56 antibodies; CD56 ELISA Kits; CD56 Duos / Panels; Anti-Mouse IgG secondary antibodies;

Related news:

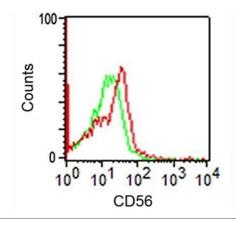
Tumor-Infiltrating Lymphocytes (TILs)

Research Area Developmental Biology antibody; Neuroscience antibody; General Lymphocyte Marker Study antibody;

Natural killer cells antibody

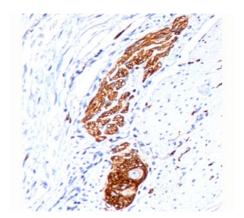
Calculated Mw 95 kDa

Images



ARG55890 anti-CD56 / NCAM antibody [123C3.D5] FACS image

Flow Cytometry: Human monocytes stained with ARG55890 anti-CD56 / NCAM antibody [123C3.D5].



ARG55890 anti-CD56 / NCAM antibody [123C3.D5] IHC-P image

 $Immun ohistochemistry: Human\ colon\ ganglion\ stained\ with\ ARG55890\ anti-CD56\ /\ NCAM\ antibody\ [123C3.D5].$