

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
Clonality	Monoclonal
Clone	123C3.D5
Isotype	IgG1, 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

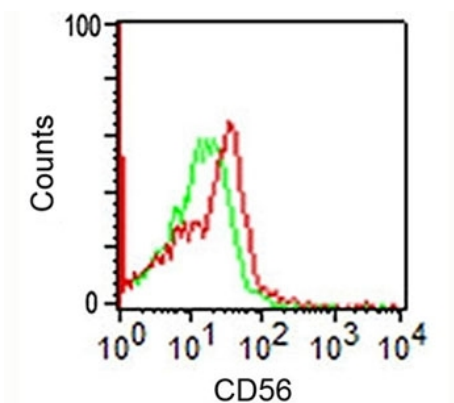
freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

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

Bioinformation

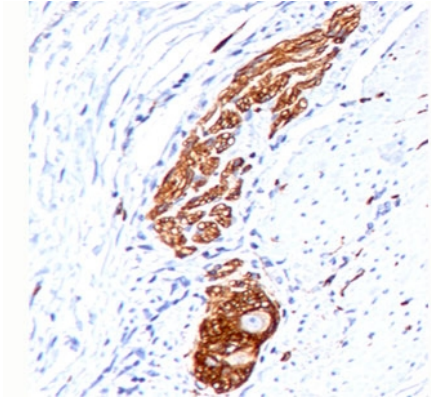
Database links	GeneID: 24586 Rat GeneID: 4684 Human Swiss-port # P13591 Human Swiss-port # P13596 Rat
Gene Symbol	NCAM1
Gene Full Name	neural cell adhesion molecule 1
Background	This gene encodes a cell adhesion protein which is a member of the immunoglobulin superfamily. The encoded protein is involved 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

Immunohistochemistry: Human colon ganglion stained with ARG55890 anti-CD56 / NCAM antibody [123C3.D5].