

# Product datasheet

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# ARG55662 anti-CD56 / NCAM antibody

Package: 100 μl, 50 μl Store at: -20°C

#### **Summary**

Product Description Rabbit Polyclonal antibody recognizes CD56 / NCAM

Tested Reactivity Hu, Ms, Rat

Tested Application ICC/IF, IHC-P, WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name CD56 / NCAM

Species Human

Immunogen Recombinant protein of Human CD56

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
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

#### **Properties**

Form Liquid

**Purification** Affinity purification with immunogen.

Buffer PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

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. 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

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-Rabbit IgG secondary antibodies;

Related news: Lymphoma

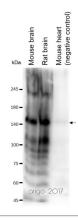
Tumor-Infiltrating Lymphocytes (TILs)

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

Natural killer cells antibody

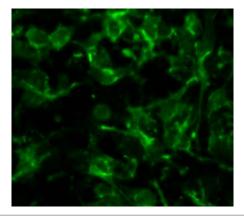
Calculated Mw 95 kDa

#### **Images**



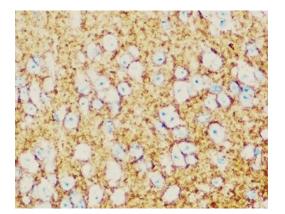
#### ARG55662 anti-CD56 / NCAM antibody WB image

Western blot: 30  $\mu g$  of Mouse brain, Rat brain and Mouse heart (Negative control) lysates stained with ARG55662 anti-CD56 / NCAM antibody at 1:500 dilution.



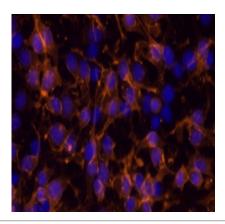
#### ARG55662 anti-CD56 / NCAM antibody ICC/IF image

Immunofluorescence: C6 cells stained with ARG55662 anti-CD56 / NCAM antibody at 1:100 dilution.



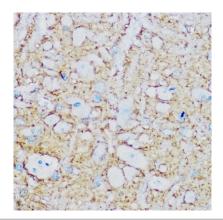
## ARG55662 anti-CD56 / NCAM antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse brain tissue stained with ARG55662 anti-CD56 / NCAM antibody at 1:100 dilution.



## ARG55662 anti-CD56 / NCAM antibody ICC/IF image

Immunofluorescence: C6 cells stained with ARG55662 anti-CD56 / NCAM antibody at 1:100 dilution.Blue: DAPI for nuclear staining.



## ARG55662 anti-CD56 / NCAM antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat brain tissue stained with ARG55662 anti-CD56 / NCAM antibody at 1:100 dilution.