



CD56 Rabbit mAb

Catalog No	YP-rAb-17028
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Gene Name	NCAM1 NCAM
Protein Name	antigen MSK39 identified by monoclonal 5.1H11;antigen recognized by monoclonal 5.1H11;CD56;cell adhesion molecule, neural, 1;MSK 39;MSK39;N-CAM-1;NCAM 1;NCAM;NCAM C;NCAM-1;NCAM1;NCAM1_HUMAN;NCAMC;Neural cell adhesion molecule 1;Neural cell adhesion molecule NCAM;OTTHUMP00000235666
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:200-1:1000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15° C to -25° C/1 year(Do not lower than -25° C)
Synonyms	antigen MSK39 identified by monoclonal 5.1H11 ; antigen recognized by monoclonal 5.1H11 ; CD56 ; cell adhesion molecule, neural, 1 ; MSK 39 ; MSK39 ; N-CAM-1 ; NCAM 1 ; NCAM ; NCAM C ; NCAM-1 ; NCAM1 ; NCAM1_HUMAN ; NCAMC ; Neural cell adhesion molecule 1 ; Neural cell adhesion molecule NCAM ; OTTHUMP00000235666
Observed Band	220kD
Calculated Molecular Weight	95kD
Cell Pathway	Membranous, Cytoplasmic
Tissue Specificity	Tonsil/ Appendix
Function	This protein is a cell adhesion molecule involved in neuron-neuron adhesion, neurite fasciculation, outgrowth of neurites, etc.,online information:N-CAM 140,online information:NCAM entry,similarity:Contains 2 fibronectin type-III domains.,similarity:Contains 5 Ig-like C2-type (immunoglobulin-like) domains.,





Background

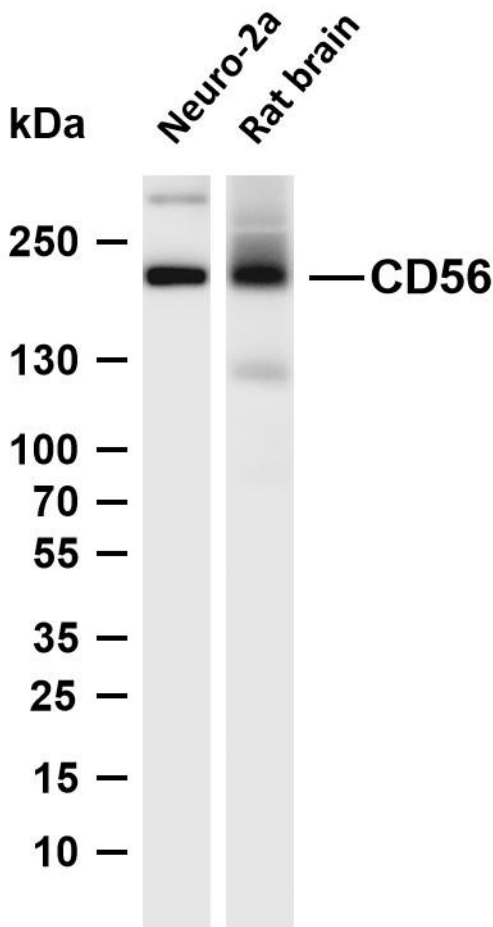
This gene encodes a cell adhesion protein which is a member of the immunoglobulin superfamily. The encoded protein is involved in cell-to-cell interactions as well as cell-matrix interactions during development and differentiation. The encoded protein has been shown to be involved in development of the 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],

matters needing attention

Avoid repeated freezing and thawing!

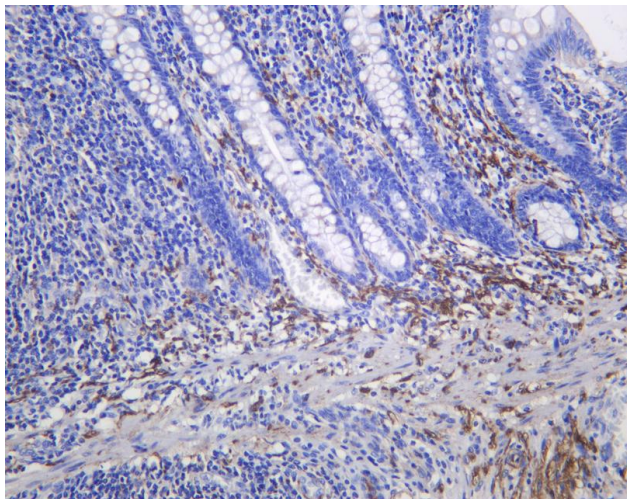
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Various whole cell lysates were separated by 4-8% SDS-PAGE, and the membrane was blotted with anti-CD56 antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: Neuro-2a Lane 2: Rat brain Predicted band size: 95kDa Observed band size: 220kDa





Human appendix was stained with anti-CD56 Rabbit antibody

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