

Recombinant NCAM1/CD56 Monoclonal Antibody

catalog number: **AN301702L**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

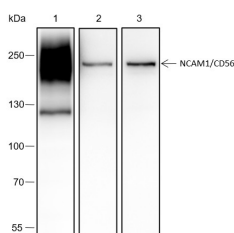
Reactivity	Human;Rat;Mouse
Immunogen	Recombinant human NCAM1/CD56 fragment
Host	Rabbit
Isotype	IgG, κ
Clone	C131325
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

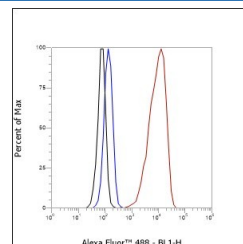
WB	1:500-1:2000
FCM	1:50-1:100
IP	1:50-1:100

Data

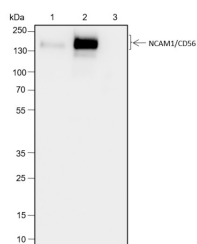


Western Blot with NCAM1/CD56 Monoclonal Antibody at dilution of 1:2000. Lane 1: SH-SY5Y, Lane 2: Mouse cerebellum, Lane 3: Rat cerebellum

Observed-MW:140-180 kDa
Calculated-MW:95 kDa



Flow cytometric analysis of human NCAM1/CD56 expression on SH-SY5Y cells. Cells were stained with purified anti-Human NCAM1/CD56, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.



Immunoprecipitation analysis using anti-NCAM1/CD56 Monoclonal Antibody. Western blot was performed from the immunoprecipitate using NCAM1/CD56 Monoclonal Antibody at a dilution of 1:100. Lane 1: 5% Input, Lane 2: NCAM1/CD56 Monoclonal Antibody, Lane 3: Rabbit monoclonal IgG Isotype

Observed-MW:140-180 kDa
Calculated-MW:95 kDa

Preparation & Storage

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.1

Storage

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping

Ice bag

Background

In human hematopoiesis, CD56, also known as neural cell adhesion molecule 1 (NCAM1) is highly expressed in natural killer (NK) cells. In addition, NCAM1 expression was found in rare subsets of T and B lymphocytes, dendritic cells, and neural or mesenchymal stem cells. NCAM1 belongs to the immunoglobulin superfamily of adhesion molecules. NCAM1 plays an important role in the regulation of neurogenesis, neurite outgrowth, proliferation, and cell migration.

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