A Reliable Research Partner in Life Science and Medicine

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

HostRabbitIsotypeIgG, κCloneA410

Purification Protein A purified

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

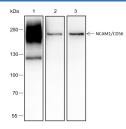
Applications Recommended Dilution

 WB
 1:500-1:2000

 FCM
 1:50-1:100

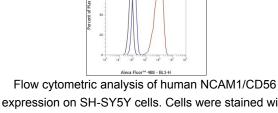
 IP
 1:50-1:100

Data

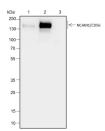


Western Blot with NCAM1/CD56 Monoclonal Antibody at dilution of 1:2000. Lane 1: SH-SY5Y, Lane 2: Mouse cerebellum, Lane 3: Rat cerebellum

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



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

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

For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Web: www.elabscience.com Email: techsupport@elabscience.com



Elabscience Bionovation Inc.

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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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 Email: techsupport@elabscience.com
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