NCAM1 monoclonal antibody, clone MEM 188 (Biotin)

Catalog # MAB6000 Size 100 Reactions

Specification

Product Description	Mouse monoclonal antibody raised against NCAM1.
Immunogen	KG-1 human acute myelogenous leukemia cell line.
Host	Mouse
Reactivity	Human
Specificity	Specificity human CD56
Form	Liquid
Conjugation	Biotin
Isotype	IgG2a
Recommend Usage	Flow Cytometry (10 ul/10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store in the dark at 4°C. Do not freeze. Avoid prolonged exposure to light. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Flow Cytometry

Gene Info — NCAM1

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Entrez GeneID	4684
Gene Name	NCAM1
Gene Alias	CD56, MSK39, NCAM
Gene Description	neural cell adhesion molecule 1
Omim ID	116930
Gene Ontology	Hyperlink
Gene Summary	NCAM
Other Designations	antigen recognized by monoclonal antibody 5.1H11|neural cell adhesion molecule, NCAM

Publication Reference

- PSA-NCAM is required for activity-induced synaptic plasticity.

  Muller D, Wang C, Skibo G, Toni N, Cremer H, Calaora V, Rougon G, Kiss JZ.

  Neuron 1996 Sep; 17(3):413.

- Targeted mutation of Ncam to produce a secreted molecule results in a dominant embryonic lethality.

  Rabinowitz JE, Rutishauser U, Magnuson T.

  PNAS 1996 Jun; 93(13):6421.

Pathway

- Cell adhesion molecules (CAMs)
- Prion diseases

Disease

- Alcoholism
- Bipolar Disorder

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- Cardiovascular Diseases
- Cocaine-Related Disorders
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Inhibition (Psychology)
- Mental Disorders
- Opioid-Related Disorders
- Schizophrenia
- Substance-Related Disorders
- Tobacco Use Disorder

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