

NCAM1 monoclonal antibody, clone MEM 188 (PE/Cy5.5)

Catalog # MAB6003

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 PE/Cy5.5

Isotype IgG2a

Recommend Usage Flow Cytometry (10 ul/10⁶ 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 should be handled by trained staff only.

Applications

- Flow Cytometry

Gene Info — NCAM1

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](#)

- [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](#)