

NCAM1 monoclonal antibody, clone MEM-188 (PE)

Catalog # MAB5004

Size 100 Reactions

Specification

Product Description	Mouse monoclonal antibody raised against native NCAM1.
Immunogen	Native purified NCAM1 from KG-1 human acute myelogenous leukemia cell line.
Host	Mouse
Theoretical MW (kDa)	180
Reactivity	Human, Primates
Specificity	This antibody reacts with a 180 KDa isoform of CD56 (NCAM) expressed in leukocytes. It has been suggested that this antibody could react with rhesus monkey lymphocytes. Reactivity with other NCAM isoforms has not been tested.
Form	Liquid
Conjugation	PE
Isotype	IgG2a
Recommend Usage	Flow Cytometry (20 ul in human blood cells 100 ul in whole blood or 10^6 cells in a suspension) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.2% BSA, 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

- [Down-regulation of the axonal polysialic acid-neural cell adhesion molecule expression coincides with the onset of myelination in the human fetal forebrain.](#)
 Jakovcevski I, Mo Z, Zecevic N.
 Neuroscience 2007 Aug; 149(2):328.
- [CD56 is a sensitive and diagnostically useful immunohistochemical marker of ovarian sex cord-stromal tumors.](#)
 McCluggage WG, McKenna M, McBride HA.
 International Journal of Gynecological Pathology: Official Journal of the International Society of G 2007 Jul; 26(3):322.
- [CD56 expression in ovarian granulosa cell tumors, and its diagnostic utility and pitfalls.](#)
 Ohishi Y, Kaku T, Oya M, Kobayashi H, Wake N, Tsuneyoshi M.
 Gynecologic Oncology 2007 Jun; 107(1):30.

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](#)