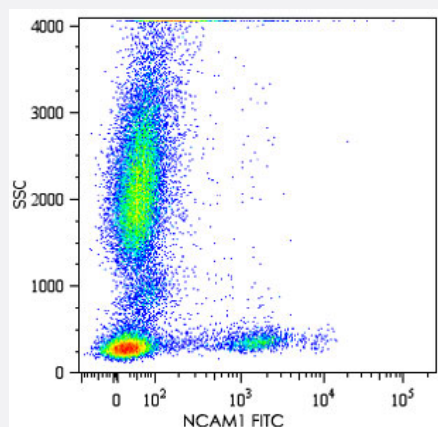


NCAM1 monoclonal antibody, clone MEM-188 (APC)

Catalog # MAB4523 Size 100 Reactions

Applications



Flow Cytometry

Surface staining of human peripheral blood cells with NCAM1 monoclonal antibody, clone MEM-188 (APC) (Cat # MAB4523).

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, Non-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 NCA M isoforms has not been tested.
Form	Liquid
Conjugation	APC
Isotype	IgG2a

Recommend Usage	Flow Cytometry (10 ug/mL) 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

Surface staining of human peripheral blood cells with NCAM1 monoclonal antibody, clone MEM-188 (APC) (Cat # MAB4523).

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](#)