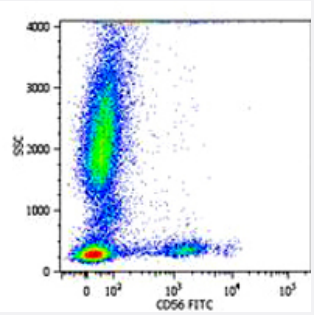
NCAM1 monoclonal antibody, clone MEM-188

Catalog # MAB0894 Size 100 ug

Applications



Flow Cytometry

Surface staining of human peripheral blood cells with NCAM1 monoclonal antibody, clone MEM - 188 (Cat # MAB0894) FITC.

Specification

Product Description	Mouse monoclonal antibody raised against native NCAM1.
Immunogen	Native purified NCAM1 from human acute myelogenous leukemia cell line KG-1.
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 MEM-188 could react with rhesus monkey lymphocytes. Reactivity with other NCAM isoforms has not been tested.
Form	Liquid
Concentration	1 mg/mL
Isotype	IgG2a
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)

Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunoprecipitation
- Flow Cytometry

  Surface staining of human peripheral blood cells with NCAM1 monoclonal antibody, clone MEM - 188 (Cat # MAB0894) FITC.

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

- The effects of an ActRIIb receptor Fc fusion protein ligand trap in juvenile simian immunodeficiency virus-infected rhesus macaques.

  OConnell KE, Guo W, Serra C, Beck M, Wachtman L, Hoggatt A, Xia D, Pearson C, Knight H, OConnell M, Miller AD, Westmoreland SV, Bhasin S.

  FASEB Journal 2015 Apr; 29(4):1165.

  Application: IF, Rhesus macaques, Triceps muscle

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