

Datasheet

NCAM1 monoclonal antibody, clone MEM-188 (PerCP)

Catalog Number: MAB5143

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against native NCAM1.

Clone Name: MEM-188

Immunogen: Native purified NCAM1 from KG-1 human acute myelogenous leukemia cell line.

Host: Mouse

Theoretical MW (kDa): 180

Reactivity: Human, Primates

Applications: Flow Cyt

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

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

Conjugation: PerCP

Isotype: IgG2a

Recommend Usage: Flow Cytometry analysis of human blood cells using 10 ul reagent / 100 ul of whole blood or 10⁶ cells in a suspension.

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.2% BSA, 15 mM 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.

Entrez GeneID: 4684

Gene Symbol: NCAM1

Gene Alias: CD56, MSK39, NCAM

References:

1. 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 Oct 26;149(2):328-37. Epub 2007 Aug 8.
2. CD56 is a sensitive and diagnostically useful immunohistochemical marker of ovarian sex cord-stromal tumors. McCluggage WG, McKenna M, McBride HA. Int J Gynecol Pathol. 2007 Jul;26(3):322-7.
3. 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. Gynecol Oncol. 2007 Oct;107(1):30-8. Epub 2007 Jun 20.