

Datasheet

NCAM1 monoclonal antibody, clone MEM-188 (PE)

Catalog Number: MAB5004

Regulatory 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 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.

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.