

## Datasheet

### NCAM1 monoclonal antibody, clone MEM 188 (Biotin)

**Catalog Number:** MAB6000

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody  
raised against NCAM1.

**Clone Name:** MEM 188

**Immunogen:** KG-1 human acute myelogenous leukemia  
cell line.

**Host:** Mouse

**Reactivity:** Human

**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:** Specificity human CD56

**Form:** Liquid

**Conjugation:** Biotin

**Isotype:** IgG2a

**Recommend Usage:** Flow Cytometry (10 ul/10<sup>6</sup> cells)  
The optimal working dilution should be determined by  
the end user.

**Storage Buffer:** In PBS (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. PSA-NCAM is required for activity-induced synaptic  
plasticity. Muller D, Wang C, Skibo G, Toni N, Cremer H,  
Calaora V, Rougon G, Kiss JZ. Neuron. 1996  
Sep;17(3):413-22.
2. Targeted mutation of Ncam to produce a secreted  
molecule results in a dominant embryonic lethality.  
Rabinowitz JE, Rutishauser U, Magnuson T. Proc Natl  
Acad Sci U S A. 1996 Jun 25;93(13):6421-4.