PE Rabbit anti-Mouse NCAM mAb

Catalog NO.: A29003

Basic Information

Observed MW

Calculated MW

Category
Monoclonal Antibodies

Applications
FC

Cross-Reactivity
Mouse

Conjugation
PE. Ex:565nm. Em:574nm.

Clone number
ARC60214

Background

Predicted to enable LRR domain binding activity and phosphatase binding activity. Involved in commissural neuron axon guidance and regulation of semaphorin-plexin signaling pathway. Acts upstream of or within several processes, including homotypic cell-cell adhesion; positive regulation of calcium-mediated signaling; and regulation of exocyst assembly. Located in several cellular components, including external side of plasma membrane; growth cone; and neuronal cell body. Is expressed in several structures, including embryo mesenchyme; nervous system; sensory organ; skin; and urinary system. Human ortholog(s) of this gene implicated in bipolar disorder; middle cerebral artery infarction; and pancreatic cancer. Orthologous to human NCAM1 (neural cell adhesion molecule 1).

Recommended Dilutions

FC	⩽0.5 μg per million cells in 100 μl volume

Immunogen Information

Gene ID
17967

Swiss Prot
P13595

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
CD56; Ncam; E-NCAM; NCAM-1

Contact

Product Information

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service@abclonal.com
www.abclonal.com

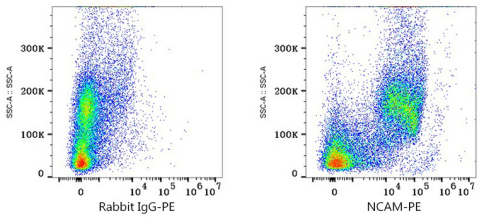
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8°C. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1X10^6 BALB/c mouse bone marrow cells were surface-stained with PE Rabbit IgG isotype control (A24172,5 µl/Test,left) or PE Rabbit anti-Mouse NCAM mAb (A29003,0.5 µg,right). Total viable cells were used for analysis.

For research use only. Not for therapeutic or diagnostic purposes.

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