

PE Rabbit anti-Mouse NCAM mAb

Catalog No.: A29003

Basic Information

Observed MW

Calculated MW

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC60214

Conjugate

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

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 $\leq 0.5 \mu\text{g}$ 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

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Product Information

Source

Rabbit

Isotype

IgG

Purification

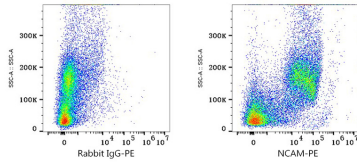
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1×10^6 BALB/c mouse bone marrow cells were surface-stained with PE Rabbit IgG isotype control (A24172, 5 μ l/Test, left) or PE Rabbit anti-Mouse NCAM mAb (A29003, 0.5 μ g, right). Total viable cells were used for analysis.