

PE/Cyanine7 Rabbit anti-Mouse NCAM mAb

Catalog NO.: A28173

Basic Information

Observed MW

Calculated MW

119 kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Mouse

Conjugation

PE-Cy7. Ex:565nm. Em:778nm.

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 ≤0.125 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

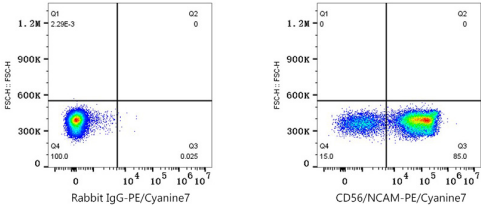
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Product Information

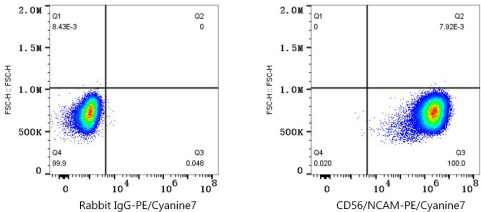
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.		

Validation Data



Flow cytometry: 1X10^6 BALB/c bone marrow cells were surface-stained with PE/Cyanine7 Rabbit IgG isotype control (5 µl/Test,left) or PE/Cyanine7 Rabbit anti-Mouse CD56/NCAM mAb (A28173,0.125 µg,right).



Flow cytometry: 1X10^6 Neuro-2a cells were surface-stained with PE/Cyanine7 Rabbit IgG isotype control (5 µl/Test,left) or PE/Cyanine7 Rabbit anti-Mouse CD56/NCAM mAb (A28173,0.125 µg,right).

