ABflo® 488 Rabbit anti-Mouse CD271/NGFR mAb

Catalog NO.: A24321

Basic Information

Observed MW
Refer to figures

Calculated MW
45kDa

Category
Monoclonal Antibodies

Applications
FC

Cross-Reactivity
Mouse

Conjugation
ABflo® 488. Ex:491nm. Em:516nm.

Clone number
ARC62149

Background

Enables death receptor activity; nerve growth factor binding activity; and small GTPase binding activity. Involved in several processes, including cellular glucose homeostasis; circadian regulation of gene expression; and dorsal aorta development. Acts upstream of or within several processes, including hair follicle morphogenesis; nervous system development; and regulation of signal transduction. Located in several cellular components, including cell surface; cell-cell junction; and postsynaptic density. Is expressed in several structures, including alimentary system; genitourinary system; integumental system; nervous system; and sensory organ. Human ortholog(s) of this gene implicated in Alzheimer's disease and mental depression. Orthologous to human NGFR (nerve growth factor receptor).

Recommended Dilutions

FC	5 µl per 10^6 cells in 100 µl volume

Immunogen Information

Gene ID
18053

Swiss Prot
Q9Z0W1

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

Synonyms
p75; LNGFR; p75NTR; p75NGFR; Tnfrsf16

Contact

Product Information

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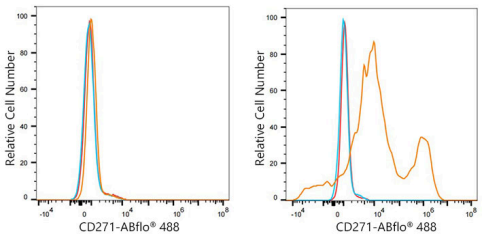
Source
Rabbit

Isotype
IgG

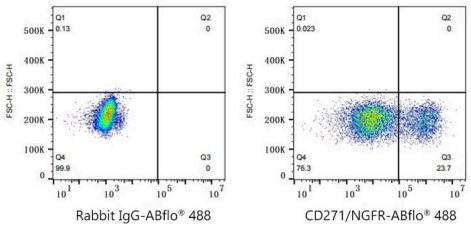
Purification
Affinity purification

Storage
Store at 2-8°C. Avoid freeze.
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Flow cytometry:1X10^6 293F cells (negative control,Left) and 293F(Transfection) cells (Right) were surface-stained with ABflo® 488 Rabbit anti-Mouse CD271/NGFR mAb(A24321,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:1X10^6 293F(Transfection) cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Mouse CD271/NGFR mAb(A24321,5 µl/Test,right)

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