

ABflo® 488 Rabbit anti-Human CD271/NGFR mAb

Catalog No.: A23118

Basic Information

Observed MW

Refer to figures

Calculated MW

35kDa/45kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC57800-ABf488

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

Nerve growth factor receptor contains an extracellular domain containing four 40-amino acid repeats with 6 cysteine residues at conserved positions followed by a serine/threonine-rich region, a single transmembrane domain, and a 155-amino acid cytoplasmic domain. The cysteine-rich region contains the nerve growth factor binding domain.

Immunogen Information

Gene ID

4804

Swiss Prot

P08138

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 29-250 of human CD271/NGFR (NP_002498.1).

Synonyms

CD271; p75NTR; TNFRSF16; p75(NTR); Gp80-LNGFR

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

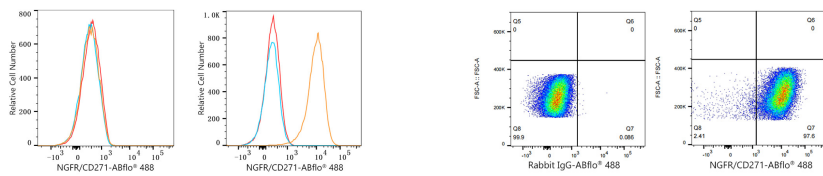
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1×10^6 K-562 cells (negative control, Left) and SK-N-MC cells (Right) were surface-stained with ABflo® 488 Rabbit anti-Human NGFR/CD271 mAb (A23118, 5 μ l/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 SK-N-MC cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, left) or ABflo® 488 Rabbit anti-Human NGFR/CD271 mAb (A23118, 5 μ l/Test, right).