

ABflo® 488 Rabbit anti-Human NG2 mAb

Catalog No.: A24978

Basic Information

Observed MW

Calculated MW

251kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC64580-ABflo488

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

A human melanoma-associated chondroitin sulfate proteoglycan plays a role in stabilizing cell-substratum interactions during early events of melanoma cell spreading on endothelial basement membranes. CSPG4 represents an integral membrane chondroitin sulfate proteoglycan expressed by human malignant melanoma cells.

Immunogen Information

Gene ID

1464

Swiss Prot

Q6UVK1

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1583-2224 of human NG2 (NP_001888.2).

Synonyms

NG2; MCSP; MCSPG; MSK16; CSPG4A; HMW-MAA; MEL-CSPG

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

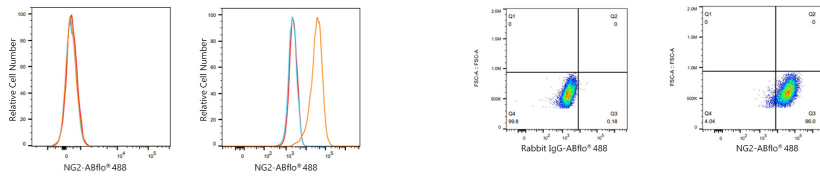
Affinity purification

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 Jurkat cells (negative control, left) and SK-MEL-28 (right) cells were surface-stained with ABflo® 488 Rabbit anti-Human NG2 mAb (A24978, 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-MEL-28 cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, left) or ABflo® 488 Rabbit anti-Human NG2 mAb (A24978, 5 μ l/Test, right).