

ABflo® 488 Rabbit anti-Human NG2/CSPG4 mAb

Catalog NO.: A24978

Basic Information

Observed MW

Calculated MW

251kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Human

Conjugation

ABflo® 488. Ex:491nm. Em:516nm.

Clone number

ARC64580

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.

Recommended Dilutions

FC 5 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

1464

Swiss Prot

Q6UVK1

Immunogen

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

Synonyms

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

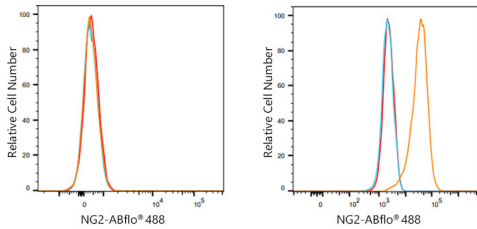
Contact

Product Information

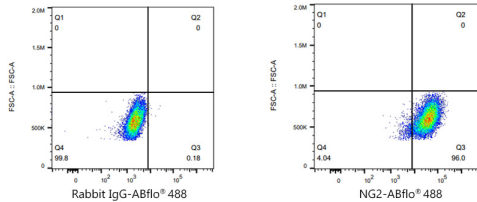
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

Validation Data



Flow cytometry: 1X10⁶ Jurkat cells (negative control,left) and SK-MEL-28 (right) cells were surface-stained with ABflo® 488 Rabbit anti-Human NG2 mAb (A24978,5 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: 1X10⁶ SK-MEL-28 cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Human NG2 mAb (A24978,5 µl/Test,right).

