

PE Rabbit anti-Human NG2/CSPG4 mAb

Catalog No.: A25623

Basic Information

Observed MW

Calculated MW

251kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC64580

Conjugate

PE. Ex:565nm. Em:574nm.

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 μ l per 10^6 cells in
100 μ l 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

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Product Information

Source

Rabbit

Isotype

IgG

Purification

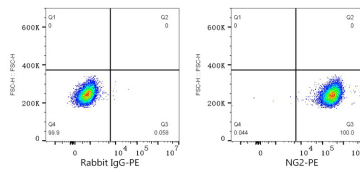
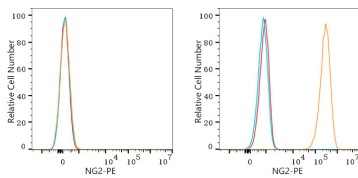
Affinity purification

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: 1×10^6 Jurkat cells (negative control, left) and SK-MEL-28 cells (right) were surface-stained with PE Rabbit anti-Human NG2 mAb (A25623, 5 µl/Test, orange line) or PE Rabbit IgG isotype control (A24172, 5 µl/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 PE Rabbit IgG isotype control (A24172, 5 µl/Test, left) or PE Rabbit anti-Human NG2 mAb (A25623, 5 µl/Test, right).