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12-9442: Anti-CSPG4 antibody(DMC466); IgG1 Chimeric mAb

Clonality: Monoclonal
Clone Name: DMC466
Application: FACS
Reactivity: Human
Uniprot ID: Q6UVK1

Alternative Name: CSPG4A; HMW-MAA; MCSP; MCSPG; MEL-CSPG; MSK16; NG2

Isotype: Rabbit/Human Fc chimeric IgG1

Description

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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. [provided by RefSeg; Jul 2008]

Product Info

Amount : $10 \mu g / 100 \mu g$

Purification: Purified from cell culture supernatant by affinity chromatography

Content: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for

Storage condition: use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized

proteins are shipped at ambient temperature.

Application Note

FACS 1:100

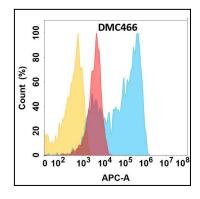


Figure 1. CSPG4 protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with Anti-CSPG4 (DMC466) on Expi293 cells transfected with human CSPG4 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram).