

Mouse Monoclonal Antibody to CSPG4

Catalogue Number	sAP-1018
Target Molecule	Name: CSPG4 Aliases: NG2; MCSP; MCSPG; MSK16; HMW-MAA; MEL-CSPG MW: 250.0kDa Entrez Gene ID: 1464
Description	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	Purified recombinant fragment of human CSPG4 (AA: 2247-2308) expressed in E. Coli.
Recitative Species	Human;
Clone	MM7G4E5;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Cancer Res. 2011 Dec 15;71(24):7410-22. ; 2.Pigment Cell Melanoma Res. 2011 Dec;24(6):1148-57.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**