

CSPG4 Conjugated Antibody

Catalog No: #C40391



Package Size: #C40391-AF350 100ul #C40391-AF405 100ul #C40391-AF488 100ul
 #C40391-AF555 100ul #C40391-AF594 100ul #C40391-AF647 100ul
 #C40391-AF680 100ul #C40391-AF750 100ul #C40391-Biotin 100ul

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Description

Product Name	CSPG4 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total CSPG4 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human chondroitin sulfate proteoglycan 4
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	NG2; MCSP; MCSPG; MSK16; HMW-MAA; MEL-CSPG
Accession No.	Swiss-Prot#:Q6UVK1NCBI Gene ID:1464NCBI mRNA#:NCBI Protein#:NP_001888
Uniprot	Q6UVK1
GeneID	1464;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	251
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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.?

Note: This product is for in vitro research use only