Chondroitin Sulfate Proteoglycan (CSPG) Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	Chondroitin Sulfate Proteoglycan (CSPG), Monoclonal Antibody
Full Product Name	Chondroitin Sulfate Proteoglycan (NG2, CSPG) (FITC)
Product Gene Name	anti-CSPG antibody
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	4B4
Host	Mouse
Species Reactivity	Human, Rat
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservatives added. Labeled with Fluorescein isothiocyanate (FITC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes the membrane proximal epitope of human and rat NG2 protein at ~300kD. Reactivity has been confirmed with rat B49 glial cell line.
Preparation and Storage	Store at -20 degree C.
Immunogen	Purified rat NG2 protein.
Conjugate	FITC
Product Categories/Family for anti-CSPG antibody	Antibodies; Carbohydrates; Glycoproteins
Applications Tested/Suitable for anti-CSPG antibody	ELISA (EIA), Immunofluorescence (IF), Immunohistochemistry (IHC), Immunoprecipitation (IP)
Related Product Information for anti-CSPG antibody	MBS6258564 is an antibody targeting CSPG. Also known as Chondroitin Sulfate Proteoglycan (NG2, CSPG) (FITC). Reactive in Human, Rat. Host: Mouse.
Product References and Citations for anti-CSPG antibody	1. Stallcup WB, et al. J Neurocytol 31(6-7):423-35, 2002. 2. Stallcup WB, et al. J Cell Sci 114:2315-2325, 2001. 3. Grako KA and Stallcup WB. Exp Cell Res 221(1):231-40, 1995. 4. Grako KAJ, et al. Cell Sci 112(6):905-15, 1999. 5. Goretzki L, et al. J Biol Chem 274(24):16831-7, 1999. 6. Burg MA, et al. Exp Cell Res 235(1):254-64, 1997. 7. Fang X, et al. Mol Biol Cell (10):3373-87, 1999. 8. Chen ZJ, et al. J Neurocytol 31(6-7):481-95, 2002. 9. Jones LL, et al. J Neurosci 22(7):2792-2803, 2002. 10. Chekenya M, et al. FASEB J 16:586-588, 2002. 11. Chekenya M, et al. J Neurocytol (6-7):507-21, 2002.
Other Notes	Small volumes of anti-CSPG antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CSPG. It may not necessarily be applicable to this product.

Protein Family	Cold shock-like protein

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