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CSPG5 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant CSPG5.
Catalog # AT1657a

Specification

CSPG5 Antibody (monoclonal) (M01) - Product Information

Application	**WB, E**
Primary Accession	O95196
Other Accession	NM_006574
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**60016**

CSPG5 Antibody (monoclonal) (M01) - Additional Information

Gene ID 10675

Other Names
Chondroitin sulfate proteoglycan 5, Acidic leucine-rich EGF-like domain-containing brain protein, Neuroglycan C, CSPG5, CALEB, NGC

Target/Specificity
CSPG5 (NP_006565, 445 a.a. ~ 539 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
CSPG5 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

CSPG5 Antibody (monoclonal) (M01) - Protocols

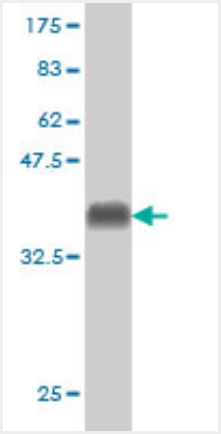
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

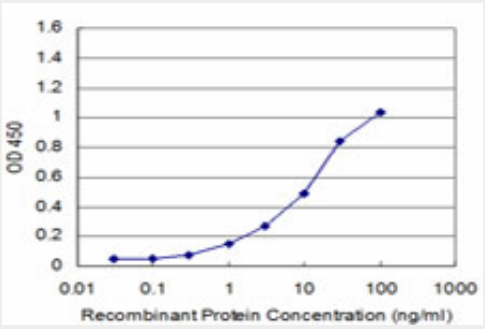
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CSPG5 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.19 KDa) .



Detection limit for recombinant GST tagged CSPG5 is approximately 1ng/ml as a capture antibody.

CSPG5 Antibody (monoclonal) (M01) - References

Identification of neuroglycan C and interacting partners as potential susceptibility genes for schizophrenia in a Southern Chinese population. So HC, et al. Am J Med Genet B Neuropsychiatr Genet, 2010 Jan 5. PMID 19367581.Neuroglycan C is a novel midkine receptor involved in process elongation of oligodendroglial precursor-like cells. Ichihara-Tanaka K, et al. J Biol Chem, 2006 Oct 13. PMID 16901907.Expression and identification of a new splice variant of neuroglycan C, a transmembrane chondroitin sulfate proteoglycan, in the human brain. Aono S, et al. J Neurosci Res, 2006 Jan. PMID 16299773.Neuroglycan C, a novel member of the neuregulin family. Kinugasa Y, et al. Biochem Biophys Res Commun, 2004 Sep 3. PMID 15358134.CALEB/NGC interacts with the Golgi-associated protein PIST. Hassel B, et al. J Biol Chem, 2003 Oct 10. PMID 12885772.