

## Mouse Monoclonal Antibody to DCN

<b>Catalogue Number</b>	sAP-0834
<b>Target Molecule</b>	<b>Name:</b> DCN <b>Aliases:</b> CSCD; PG40; PGII; PGS2; DSPG2; SLRR1B <b>MW:</b> 39.7kDa <b>Entrez Gene ID:</b> 1634
<b>Description</b>	The protein encoded by this gene is a small cellular or pericellular matrix proteoglycan that is closely related in structure to biglycan protein. The encoded protein and biglycan are thought to be the result of a gene duplication. This protein is a component of connective tissue, binds to type I collagen fibrils, and plays a role in matrix assembly. It contains one attached glycosaminoglycan chain. This protein is capable of suppressing the growth of various tumor cell lines. There are multiple alternatively spliced transcript variants known for this gene. This gene is a candidate gene for Marfan syndrome. ;
<b>Immunogen</b>	Purified recombinant fragment of human DCN (AA: 263-324) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM1G4C5;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. PLoS One. 2012;7(9):e45559. ; 2. Hum Reprod. 2012 Nov;27(11):3249-58. ;

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**