

Mouse Monoclonal Antibody to DCN

Catalogue Number	sAP-0837
Target Molecule	Name: DCN Aliases: CSCD; PG40; PGII; PGS2; DSPG2; SLRR1B MW: 39.7kDa Entrez Gene ID: 1634
Description	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. ;
Immunogen	Purified recombinant fragment of human DCN (AA: 263-324) expressed in E. Coli.
Reactive Species	Human;
Clone	MM5E8E7;
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 H2O, 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. 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**