

Rabbit anti-Human Decorin Monoclonal Antibody | anti-DCN antibody

Decorin Recombinant Rabbit Monoclonal Antibody [Clone DCN/7031R]

CATALOG # AAA215592	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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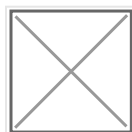
PRODUCT SYNONYMS

Decorin; Monoclonal Antibody; Decorin Recombinant Rabbit Monoclonal Antibody [Clone DCN/7031R]; Bone proteoglycan II; CSD; Dermatan sulphate proteoglycans II (DSPG2); PG40; PGII; PGS2; Proteoglycan core protein; SLRR1B; Small leucine rich protein 1B; anti-DCN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit/IgG
Clone Number	DCN/7031R
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-DCN antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant human Decorin protein fragment (around aa212-336) (exact sequence is proprietary)
Cellular Localization	Secreted
Positive Control	Human prostate or skin tissue (IHC).
Hu-chromosome Location	12q21.3
Unigene	728830
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE

SDS-PAGE Analysis Purified Decorin Rabbit Recombinant Monoclonal Antibody (DCN/7031R). Confirmation of Purity and Integrity of Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-DCN antibody	Decorin is a small leucine-rich proteoglycan (SLRP) family member that consists of a glycosaminoglycan chain-containing core protein. The core protein contains ten leucine rich repeats that contain sites for glycosylation, flanked by disulfide bond stabilizing loops. Decorin binds to Collagen Type I, II and IV in vivo and promotes the formation of fibers with variations in stability and solubility. The Decorin core protein binds to growth factors, intercellular matrix molecules, such as Fibronectin and Thrombospondin, and to the Decorin endocytosis receptor. Decorin binds to and inhibits TGFbeta and is a direct or indirect negative modulator of TGFbeta synthesis. Inhibition of Decorin core protein gene expression by the combination of IFN-gamma and TNFalpha may contribute to cartilage destruction that is characteristic of inflammatory joint diseases. For immunostaining, pre-incubation with chondroitinase-SBC or testicular hyaluronidase may be required to expose the epitope.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	129951
NCBI GeneID	1634
UniProt Accession #	P07585; Q9P0Z0; Q9P0Z1; Q9Y5N8; Q9Y5N9
Molecular Weight	359
NCBI Official Full Name	Decorin
NCBI Official Synonym Full Names	decorin
NCBI Official Symbol	DCN
NCBI Official Synonym Symbols	CSCD; PG40; PGII; PGS2; DSPG2; SLRR1B
NCBI Protein Information	decorin; PG-S2; bone proteoglycan II; decorin proteoglycan; proteoglycan core protein; small leucine-rich protein 1B; dermatan sulphate proteoglycans II
UniProt Protein Name	Decorin
UniProt Gene Name	DCN
UniProt Synonym Gene Names	SLRR1B
UniProt Entry Name	PGS2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.