

Mouse anti-Human DCN / Decorin Monoclonal Antibody | anti-DCN antibody

Mouse Monoclonal [clone 3H4-1F4] (IgG2b,k) to Human DCN / Decorin

CATALOG # AAA51909	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

DCN / Decorin; Monoclonal Antibody; Mouse Monoclonal [clone 3H4-1F4] (IgG2b; k) to Human DCN / Decorin; Anti-DCN / Decorin Antibody (clone 3H4-1F4) IHC-plus; DCN; CSCD; Decorin proteoglycan; PG-S2; PG40; Proteoglycan core protein; SLRR1B; Small leucine-rich protein 1B; PGII; PGS2; Bone proteoglycan II; Decorin; DSPG2; Human DCN; anti-DCN antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	3H4-1F4
Purity/Purification	Protein A Purified
Form/Format	PBS, pH 7.4. Sourced in Ascites.
Concentration	0.47 mg/ml (varies by lot)
Sequence Length	359
Applicable Applications for anti-DCN antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	DCN (AAH05322, 1 a.a. ~ 360 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Immunogen Type	Recombinant protein
Immunogen	DCN / Decorin antibody was raised against dCN (AAH05322, 1 a.a. ~ 360 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Preparation and Storage	Store at -20 degree C. Aliquot to avoid freeze/thaw cycles.

IMAGES



ELISA

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



WB (Western Blot)

Western blot of DCN expression in transfected 293T cell line. Lane 1: DCN transfected lysate (Predicted MW: 39.7 KDa). Lane 2: Non-transfected lysate.

**IHC (Immunohistochemistry)**

Anti-DCN / Decorin antibody IHC of human soft tissue. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

**IHC (Immunohistochemistry)**

Anti-DCN / Decorin antibody IHC of human breast. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503271
NCBI GeneID	1634
NCBI Accession #	NP_001911.1
NCBI GenBank Nucleotide #	NM_001920.3
UniProt Accession #	P07585 ; Q9P0Z0 ; Q9P0Z1 ; Q9Y5N8 ; Q9Y5N9
Molecular Weight	8,266 Da
NCBI Official Full Name	decorin isoform a preproprotein
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/dcn-decorin-antibody-clone-3h4-1f4-western-blot-immunohistochemistry-elisa/51909>