DATA SHEET

Goat anti-Decorin Antibody

Item Number	dAP-1834
Target Molecule	Principle Name: Decorin; Official Symbol: DCN; All Names and Symbols: DCN; decorin; CSCD; DSPG2; PG40; PGII; PGS2; SLRR1B; bone proteoglycan II; decorin proteoglycan; dermatan sulphate proteogly-cans II; proteoglycan core protein; small leucine-rich protein 1B; Accession Number (s): NP_001911.1; NP_598011.1; NP_598012.1;; Human Gene ID(s): 1634; Non-Human GeneID(s):
Immunogen	KISRVDAASLKGLNN, is from internal region This antibody is expected to recognize the three reported isoforms a, b and c (NP_001911.1; NP_598011.1; NP_598012.1 resp.). Reported variants NP_598010.1 and NP_001911.1 represent identical
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	Western Blot: Approx 38kDa band observed in Human Kidney lysates (calculated MW of 39.7kDa according to NP_001911.1). Recommended concentration: 0.5-2µg/ml.
IHC	
Reference	Reference(s): Zafiropoulos A, Nikitovic D, Katonis P, Tsatsakis A, Karamanos NK, Tzanakakis GN, Decorin-induced growth inhibition is overcome through protracted expression and activation of epidermal growth factor receptors in osteosarcoma cells. Molecular cancer research : MCR 2008 May 6 (5): 785-

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