

Anti-Decorin Antibody [DCN/6289] - BSA and Azide free (A278223)

Specifications:

Name:	Anti-Decorin Antibody [DCN/6289] - BSA and Azide free
Description:	Mouse monoclonal [DCN/6289] antibody to Decorin.
Specificity:	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 TGF β ² and is a direct or indirect negative modulator of TGF β ² synthesis. Inhibition of Decorin core protein gene expression by the combination of IFN- γ ³ and TNF α 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.
Applications:	Flow Cytometry, IF, WB, IHC-P
Recommended Dilutions:	Flow Cytometry: 1-2 μ g/million cells, IF: 1-2 μ g/ml, WB: 1-2 μ g/ml, IHC-P: 1-2 μ g/ml
Reactivity:	Human, Bovine, Canine, Chicken, Elk, Equine, Mouse, Porcine, Rabbit
Immunogen:	Recombinant fragment corresponding to the C terminal core of bovine DCN.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	DCN/6289
Isotype:	IgG1
Light Chains:	lambda
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	1 mg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline; without Sodium Azide and carrier free.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

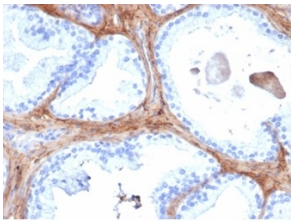
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Specifications continued:

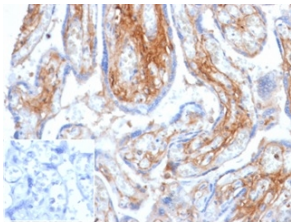
General Notes: This monoclonal antibody is also available in a different formulation with BSA and Sodium Azide - Anti-Decorin Antibody [DCN/6289] (A277635).

Disclaimer: This product is for research use only. It is not intended for diagnostic or therapeutic use.

Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human prostate tissue using Anti-Decorin Antibody [DCN/6289].



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human placenta tissue using Anti-Decorin Antibody [DCN/6289] at 2 µg/ml. Inset: PBS instead of the primary antibody. Secondary antibody negative control.