

## **DCN Antibody**

Purified Mouse Monoclonal Antibody Catalog # AO1842a

### **Specification**

#### **DCN Antibody - Product Information**

Application E, WB
Primary Accession P07585
Reactivity Human
Host Mouse
Clonality Monoclonal
Isotype IgG1

Calculated MW 39.7kDa KDa

#### **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.

## **Formulation**

Purified antibody in PBS with 0.05% sodium azide

## **DCN Antibody - Additional Information**

**Gene ID** 1634

#### **Other Names**

Decorin, Bone proteoglycan II, PG-S2, PG40, DCN, SLRR1B

Dilution

E~~1/10000

WB~~1/500 - 1/2000

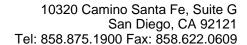
#### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

## **Precautions**

DCN Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## **DCN Antibody - Protein Information**





## Name DCN

**Synonyms** SLRR1B

## **Function**

May affect the rate of fibrils formation.

## **Cellular Location**

Secreted, extracellular space, extracellular matrix

# **DCN Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture