

Datasheet for ABIN1724881  
**anti-Decorin antibody (AA 263-324)**

4 Images

2 Publications

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## Overview

Quantity:	0.1 mg
Target:	Decorin (DCN)
Binding Specificity:	AA 263-324
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Decorin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

## Product Details

Immunogen:	Purified recombinant fragment of human DCN (AA: 263-324) expressed in E. coli.
Clone:	5E8E7
Isotype:	IgG1
Purification:	purified

## Target Details

Target:	Decorin (DCN)
Alternative Name:	DCN ( <a href="#">DCN Products</a> )
Background:	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

## Target Details

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. ,

Aliases: CSCD, PG40, PGII, PGS2, DSPG2, SLRR1B

Molecular Weight: 39.7 kDa

Gene ID: 1634

HGNC: 1634

Pathways: [Glycosaminoglycan Metabolic Process](#)

## Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

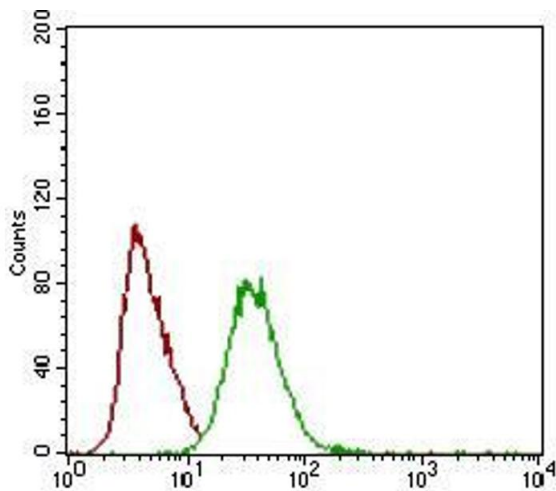
Storage Comment: 4°C, -20°C for long term storage

## Publications

Product cited in: Galati, Magdinier, Colasanti, Bauwens, Pinte, Ricordy, Giraud-Panis, Pusch, Savino, Cacchione, Gilson: "TRF2 controls telomeric nucleosome organization in a cell cycle phase-dependent manner." in: **PLoS ONE**, Vol. 7, Issue 4, pp. e34386, (2012) ([PubMed](#)).

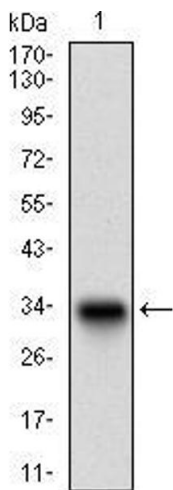
Diehl, Idowu, Kimmelshue, York, Jackson-Cook, Turner, Holt, Elmore: "Elevated TRF2 in advanced breast cancers with short telomeres." in: **Breast cancer research and treatment**, Vol.

Images



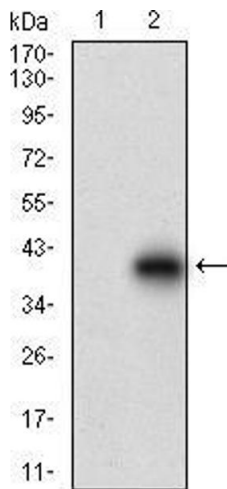
Flow Cytometry

**Image 1.** Flow cytometric analysis of HEK293 cells using DCN mouse mAb (green) and negative control (red).



Western Blotting

**Image 2.** Western blot analysis using DCN mAb against human DCN recombinant protein. (Expected MW is 32.5 kDa)



Western Blotting

**Image 3.** Western blot analysis using DCN mAb against HEK293 (1) and DCN (AA: 263-324)-hlgGfC transfected HEK293 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1724881.