


Product datasheet

# Anti-Decorin antibody - N-terminal ab189071

1 Image

Overview

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<b>Product name</b>	Anti-Decorin antibody - N-terminal
<b>Description</b>	Sheep polyclonal to Decorin - N-terminal
<b>Host species</b>	Sheep
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Rabbit, Horse, Cow, Dog, Pig, Chimpanzee 
<b>Immunogen</b>	Synthetic peptide corresponding to Human Decorin aa 1-100 conjugated to keyhole limpet haemocyanin. NP_001911.1. Database link: <a href="#">P07585</a>  <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>Positive control</b>	Human uterus tissue.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.1% Sodium azide Constituent: 99% PBS
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

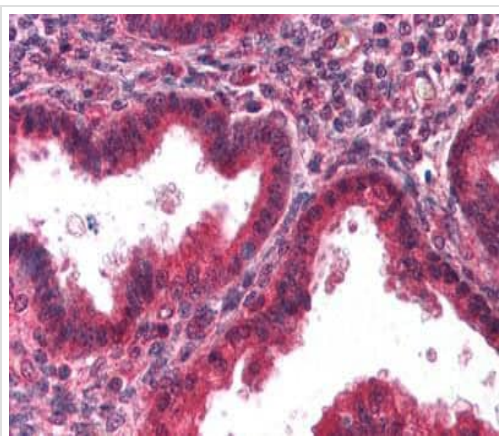
**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab189071 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 2.5 - 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

## Target

<b>Function</b>	May affect the rate of fibrils formation.
<b>Involvement in disease</b>	Defects in DCN are the cause of congenital stromal corneal dystrophy (CSCD) [MIM:610048]. Corneal dystrophies are inherited, bilateral, primary alterations of the cornea that are not associated with prior inflammation or secondary to systemic disease. Most show autosomal dominant inheritance.
<b>Sequence similarities</b>	Belongs to the small leucine-rich proteoglycan (SLRP) family. SLRP class I subfamily. Contains 12 LRR (leucine-rich) repeats.
<b>Post-translational modifications</b>	The attached glycosaminoglycan chain can be either chondroitin sulfate or dermatan sulfate depending upon the tissue of origin.
<b>Cellular localization</b>	Secreted > extracellular space > extracellular matrix.

## Images



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human uterus (endometrium) tissue labeling Decorin with ab189071 at 5µg/ml followed by biotinylated secondary antibody, alkaline phosphatase-streptavidin and chromogen.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Decorin antibody - N-terminal (ab189071)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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