

Datasheet: 7870-6170

Description:	SHEEP ANTI HUMAN DECORIN (aa36-49)
Specificity:	DECORIN (aa36-49)
Other names:	BONE PROTEOGLYCAN II
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 ml

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			
Western Blotting			▪	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Target Species	Human
Species Cross Reactivity	Reacts with: Bovine, Chicken N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified Ig - liquid
Preparation	Purified Ig prepared by affinity chromatography on Protein G
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 5.0 mg/ml
Immunogen	Synthetic peptide corresponding to the amino acids 6-19 (IGPEVPDDRRDFEPS) of human decorin conjugated to Keyhole Limpet Haemocyanin.

**External Database
Links**

UniProt:

[P07585](#) [Related reagents](#)

Entrez Gene:

[1634](#) DCN [Related reagents](#)

Synonyms

SLRR1B

Specificity

Sheep anti Human decorin antibody recognizes human decorin, a small secreted chondroitin/dermatan sulfate proteoglycan, with a molecular mass of ~90-140 kDa. Decorin is a component of connective tissue, binds to type I collagen fibrils, and plays a role in matrix assembly ([Rosmark et al. 2018](#)).

Storage

Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted.
Avoid repeated freezing and thawing as this may denature the antibody.
Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life

18 months from date of despatch.

**Health And Safety
Information**

Material Safety Datasheet documentation available at:
Material Safety Datasheet Documentation #10040 available at:
<https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Sheep IgG (H/L) (5184-2304...) [Biotin](#)

Donkey Anti Sheep IgG (STAR88...) [DyLight®488](#), [DyLight®549](#), [DyLight®649](#),
[FITC](#), [HRP](#)

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