

## Datasheet: 7870-6170

<b>Description:</b>	SHEEP ANTI HUMAN DECORIN (aa36-49)
<b>Specificity:</b>	DECORIN (aa36-49)
<b>Other names:</b>	BONE PROTEOGLYCAN II
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

Purified Ig - liquid

### Preparation

Purified Ig prepared by affinity chromatography on Protein G

### Buffer Solution

Phosphate buffered saline

### Preservative

0.09% Sodium Azide (NaN<sub>3</sub>)

## Stabilisers

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**Approx. Protein Concentrations** IgG concentration 5.0 mg/ml

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**Immunogen** Synthetic peptide corresponding to the amino acids 6-19 (IGPEVPDDRDFEPS) of human decorin conjugated to Keyhole Limpet Haemocyanin.

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## External Database Links

**UniProt:**  
[P07585](#)   [Related reagents](#)

**Entrez Gene:**  
[1634](#) DCN   [Related reagents](#)

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**Synonyms** SLRR1B

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**RRID** AB\_620397

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**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](#)).

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**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.

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**Guarantee** 18 months from date of despatch.

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

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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

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

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

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Look out for updates on how to access your digital version at [bio-rad-antibodies.com](https://www.bio-rad-antibodies.com)

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