

## Datasheet: OBT1695

<b>Description:</b>	MOUSE ANTI CHONDROITIN-4-SULPHATE
<b>Specificity:</b>	CHONDROITIN-4-SULPHATE
<b>Format:</b>	Ascites
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	BE-123
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	0.1 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
Immunohistology - Frozen	▪			
ELISA	▪			
Western Blotting	▪			
Immunoblotting	▪			

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 appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	Reacts with: Mouse, Bovine, Dog, Rat, Sheep <b>N.B.</b> Antibody reactivity and working conditions may vary between species.
<b>Product Form</b>	Ascites - liquid
<b>Preservative Stabilisers</b>	None present
<b>Immunogen</b>	Mouse proteoglycan.
<b>RRID</b>	AB_620430

**Specificity** **Mouse anti chondroitin-4-sulphate antibody, clone BE-123** recognizes human (fetal & adult) and mouse (fetal & adult) chondroitinase ABC-digested cartilage proteoglycans. This antibody shows no cross reactivity with native proteoglycans, or with proteoglycans digested with either chondroitinase AC or testicular hyaluronidase.

### References

1. Yin, Y. *et al.* (2013) Effects of combining methylprednisolone with rolipram on functional recovery in adult rats following spinal cord injury. [Neurochem Int. 62 \(7\): 903-12.](#)

2. Didangelos, A. *et al.* (2014) Regulation of IL-10 by chondroitinase ABC promotes a distinct immune response following spinal cord injury. [J Neurosci. 34 \(49\): 16424-32.](#)

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<b>Storage</b>	Store at -20°C only. 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.
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10194 available at: 10194: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10194.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10194.pdf</a>
<b>Regulatory</b>	For research purposes only

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## Related Products

### Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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