

Datasheet: OBT1695

Description:	MOUSE ANTI CHONDROITIN-4-SULPHATE
Specificity:	CHONDROITIN-4-SULPHATE
Format:	Ascites
Product Type:	Monoclonal Antibody
Clone:	BE-123
Isotype:	IgG1
Quantity:	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.

	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.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse, Bovine, Dog, Rat, Sheep

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

Ascites - liquid

Preservative Stabilisers

None present

Immunogen

Mouse proteoglycan.

RRID

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	<p>1. Yin, Y. <i>et al.</i> (2013) Effects of combining methylprednisolone with rolipram on functional recovery in adult rats following spinal cord injury. Neurochem Int. 62 (7): 903-12.</p> <p>2. Didangelos, A. <i>et al.</i> (2014) Regulation of IL-10 by chondroitinase ABC promotes a distinct immune response following spinal cord injury. J Neurosci. 34 (49): 16424-32.</p>
Storage	<p>Store at -20°C only.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>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.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10194 available at: 10194: https://www.bio-rad-antibodies.com/uploads/MSDS/10194.pdf
Regulatory	For research purposes only

Related Products

Recommended Negative Controls

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

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
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