

## Datasheet: 2083-4955

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| <b>Description:</b>  | MOUSE ANTI CHONDROITIN SULPHATE |
| <b>Specificity:</b>  | CHONDROITIN SULPHATE            |
| <b>Format:</b>       | Ascites                         |
| <b>Product Type:</b> | Monoclonal Antibody             |
| <b>Clone:</b>        | CS-56                           |
| <b>Isotype:</b>      | IgM                             |
| <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 | ▪   |    |                | 1/100 - 1/400      |
| Immunofluorescence       | ▪   |    |                | 1/100 - 1/400      |

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.

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| <b>Target Species</b>           | Chicken  |
| <b>Species Cross Reactivity</b> | <p>Reacts with: Bovine, Human, Mouse</p> <p><b>N.B.</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.</p> |
| <b>Product Form</b>             | Ascitic Fluid - raw  |
| <b>Preservative Stabilisers</b> | 0.1% Sodium Azide (NaN <sub>3</sub> )  |
| <b>Immunogen</b>                | Ventral membranes of chicken gizzard fibroblasts.  |
| <b>RRID</b>                     | AB_620552  |
| <b>Specificity</b>              | <b>Mouse anti Chondroitin sulphate antibody, clone CS-56</b> recognizes chondroitin  |

sulphate types A and C (not B, dermatan sulphate).

Mouse anti Chondroitin sulphate antibody, clone CS-56 gives positive staining in bovine mammary gland epithelial cells, and also in human, chicken, and mouse fibroblast or tissues.

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| <b>References</b> | 1. Avnur, Z. <i>et al</i> (1985) Spatial interrelationships between proteoglycans and extracellular matrix proteins in cell cultures. <a href="#">Exp Cell Res. 158:321-32.</a><br>2. Avnur, Z. <i>et al</i> (1984) Immunocytochemical Localization of Native Chondroitin-Sulphate in Tissues and Cultured Cells Using Specific Monoclonal Antibody. <a href="#">Cell 38: 811-822.</a> |
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| <b>Storage</b> | This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. |
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Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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| <b>Guarantee</b> | 12 months from date of despatch |
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| <b>Health And Safety Information</b> | Material Safety Datasheet documentation #10342 available at: <a href="https://www.bio-rad-antibodies.com/SDS/2083-4955">https://www.bio-rad-antibodies.com/SDS/2083-4955</a><br>10342 |
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| <b>Regulatory</b> | For research purposes only |
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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://bio-rad-antibodies.com/datasheets)  
'M438081:250321'

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