

Datasheet: 2083-4955

**BATCH NUMBER 172266**

<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.

### Target Species

Chicken

### Species Cross Reactivity

Reacts with: Bovine, Human, Mouse

**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

Ascitic Fluid - raw

### Preservative Stabilisers

0.1% Sodium Azide (NaN<sub>3</sub>)

### Immunogen

Ventral membranes of chicken gizzard fibroblasts.

### RRID

AB\_620552

**Specificity** **Mouse anti Chondroitin sulphate antibody, clone CS-56** 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.

---

**References**

1. Avnur, Z. *et al* (1985) Spatial interrelationships between proteoglycans and extracellular matrix proteins in cell cultures. [Exp Cell Res. 158:321-32.](#)
2. Avnur, Z.*et al* (1984) Immunocytochemical Localization of Native Chondroitin-Sulphate in Tissues and Cultured Cells Using Specific Monoclonal Antibody. [Cell 38: 811-822.](#)

---

**Storage** 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.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

---

**Guarantee** 12 months from date of despatch

---

**Health And Safety Information** Material Safety Datasheet documentation #10342 available at: <https://www.bio-rad-antibodies.com/SDS/2083-4955>

---

**Regulatory** For research purposes only

---

**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://www.bio-rad-antibodies.com/technical-support)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](http://bio-rad-antibodies.com/datasheets)  
'M444919:250813'

**Printed on 29 Jan 2026**