

Datasheet: 2083-4955

BATCH NUMBER 170718

Description:	MOUSE ANTI CHONDROITIN SULPHATE
Specificity:	CHONDROITIN SULPHATE
Format:	Ascites
Product Type:	Monoclonal Antibody
Clone:	CS-56
Isotype:	IgM
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	▪			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 (NaN₃)

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

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M429040:240315'

Printed on 13 Aug 2025