



RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Certificate of Analysis and Data Sheet

Mouse Anti Chondroitin Sulfate

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-01002

Target Species
Broad

Isotype
IgM

Description

Immunogen: Ventral membranes of chicken gizzard fibroblasts.

Specificity

DS-MB-01002 reacts specifically with Chondroitin sulfate types A and C (not B, dermatan sulphate). It gives positive staining in bovine mammary gland epithelial cells, and also in human, chicken, and mouse fibroblast or tissues.

Formulation

Product Type: Monoclonal Antibody

Product Form: Ascitic Fluid - raw

Preservative & Stabilizers: 0.09% Sodium Azide (NaN_3)

Storage

Store at $+4^\circ\text{C}$ or at -20°C if preferred.

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.

Shelf Life: 18 months from date of dispatch.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Western Blotting			•	
ELISA			•	
Immunohistology - frozen	•			1/100 - 1/400
Immunohistology - paraffin			•	
Immunohistology - resin			•	
Immunoprecipitation			•	
Immunofluorescence staining	•			1/100 - 1/400

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

Secondary Antibody Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:1000-1:10000

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.

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