

Anti-Chondroitin Sulfate A Monoclonal Antibody (Ab Chondroitin-4-Sulfate) (Clone LY111) (clone formerly sold as Seikagaku catalogue # 270421)

Product Information

Product No.: AMS. A3143

Volume/Quantity: 0.1 mg

Product Form: Purified mouse monoclonal antibody/IgM, κ -chain

Buffer: Phosphate buffered-saline(-) (PBS(-))

Preparation: The antibody is purified from mouse ascites fluid.

Preservative: 0.05% sodium azide

Stabilizer: None

Immunogen: The monoclonal antibodies preferentially recognize chondroitin sulfate containing the GlcUA β 1-3GalNAc(4S) disaccharide unit (A-unit). No cross-react with hyaluronic acid, dermatan sulfate, keratan sulfate and heparan sulfate.

Clone Name: LY111

Applications

Immunohistochemistry, ELISA, Western blotting

Storage

Store in freezer (-20°C to -80°C). It is not recommended storing at 4°C. Avoid repeated freezing and thawing

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Note:

For research use only. Not for Diagnostic or Therapeutic Use.

References

T Yada, M Arai, S Suzuki, K Kimata., (1992) Occurrence of collagen and proteoglycan forms of type IX collagen in chick embryo cartilage. Production and characterization of a collagen form-specific antibody. J. Biol. Chem., 1992, 267, 9391-7.

SS Deepa, S Yamada, S Fukui, K Sugahara, (2007) Structural determination of novel sulfated octasaccharides isolated from chondroitin sulfate of shark cartilage and their application for characterizing monoclonal antibody epitopes. Glycobiology, 17, 631-45.

N Sugiura, T Shioiri, M Chiba, T Sato, H Narimatsu, K Kimata, H Watanabe., (2012) Construction of a chondroitin sulfate library with defined structures and analysis of molecular interactions. J. Biol. Chem., 287: 43390-400.

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