

Monoclonal Anti Heparan Sulfate (JM403 epitope)

Code: 370730-1
Lot: BN1
Size: 0.2mg/ml

Description

Clone: JM403
Isotype: Mouse IgM -K-chain
Physical state: Liquid
Buffer: Phosphate buffered saline (PBS)
Stabilizer: None
Preservative: 0.02% Sodium Azide
Purification: Purified by Gel Filtration
Concentration: 1.0mg (Immunoglobulin fractions)
Package size: 200µL/vial

Immunogen: Heparan Sulfate Proteoglycan from rat glomerular basement membrane

Specificity:

Recognition: The antibody reacts with an epitope present in many types of heparan sulfate. The epitope includes (an) N-unsubstituted glucosamine residue(s) that are critical for the reactivity of the antibody. The reactivity of the antibody with most heparan sulfates is nearly completely abolished after treatment of the glycosaminoglycan with bacterial heparitinase (*Flavobacterium heparinum*; EC 4.2.2.8)

Comment: The antibody does not react with heparin, hyaluronan, chondroitin sulfate, dermatan sulfate and keratan sulfate

Recommended Applications: the exact dilution must be determined by the researcher

Immunohistochemistry: Frozen Section ; 1: 500-1000
ELISA: 1: 500-1000
Western Blotting: Unknown
Immunoprecipitation: Unknown

Storage: Store at +4°C until opened. Diluted material should be used within a week
Avoid repeated freezing and thawing

References:

- 1) J van den Born *et al*: *Kidney Int.* **41**, 115-123 (1992)
- 2) J van den Born *et al*: *J Histochem.* **42**, 89-102 (1994)
- 3) J van den Born *et al*: *Diabetologia.*, **38**, 161-172 (1995)

Note: For *in vitro* research use only, not for diagnostic or therapeutic use. This product is not a medical device. This product is warranted for period of one year after date of receipt when storage and usage conditions are adhered to as described on the package insert.

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