



PRODUCT DATA SHEET

Product: Anti-Heparan Sulfate mAb, clone 4D1

Cat. No.: MC-955 (100 µL)

Background:

Versican/PG-M is an evolutionally conserved proteoglycan precociously expressed during embryonic development and present throughout adult life in the majority of connective and nervous tissues. It has been established that alternative splicing from a large transcript of V0 could generate three isomers, V1, V2, and V3. Tissue-restricted splice variants were also detected during some phases of embryonic development.

Specificity:

Recognizes highly sulfated heparan sulfate.

Species Reactivity:

Human, bovine, mouse, rat, amphibians and chicken. Others not tested.

Ig Isotype:

Mouse IgG₁

Immunogen:

Bovine aorta proteoglycans

Format:

100 µL monoclonal antibody at 1-5 mg/mL.

Storage:

Store at 4°C for short term and at -20°C for long term. Aliquot to avoid freeze/thaw cycles.

Applications and Suggested Dilutions:

- Immunohistochemistry: Use at a 1:100-1:400 dilution at 4°C overnight.
- Immunoprecipitation: Use at a 1:500-1:1,000 dilution.
- Western blot: Use at a 1:500-1:1,000 dilution at 4°C overnight.

The optimal dilution for a specific application should be determined by the researcher.

Limitations:

For *in vitro* research use only. Not for use in diagnostics or in humans.

Warranty:

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.