

**CATALOG # 270427-1****Package Size: 0.2 mg****Monoclonal Anti-Keratan Sulfate, Purified****PRODUCT:**

Monoclonal Anti-Keratan Sulfate, Purified

**CLONE:**

5-D-4

**ANTIBODY CLASS:**

Mouse IgG1 Kappa

**VOLUME:**

0.2 ml/vial

**CONCENTRATION:**

1 mg/ml (determined by OD280)

**FORM:**

Affinity purified antibody. The monoclonal Anti-Keratan Sulfate was raised against a proteoglycan core antigen prepared by chondroitinase ABC digestion of human articular cartilage proteoglycan monomer<sup>1</sup>. The antibody has been shown by indirect immunofluorescence to recognize both corneal and skeletal native keratan sulfate. Enzyme immunoassay analysis indicated broad species cross reactivity as proteoglycan monomer preparations from hyaline cartilages from human, monkey, cow, sheep, chicken, and shark were all positive. Swarm rat chondrosarcoma proteoglycan was negative as would be expected as this PG contains no Keratan Sulfate. No cross reactivity was found with dermatan sulfate, heparin, heparan sulfate, or hyaluronic acid<sup>1</sup>.

**TITER:**

ELISA 1: 1000-5000

**STORAGE:**

Store product at +4°C.

**COMMENT:**

Product contains 0.02% sodium azide.

**REFERENCE:**1) Caterson, B., Christner, J. E., and Baker, J. R., (1983) J. Biol. Chem. **258**, 8848.**NOTE:**

For laboratory use only. Not for drug, household or other uses.

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