Monoclonal Antibody to Keratan Sulphate (5D4)

Catalog Number 1042010

INTRODUCTION
Keratan Sulphate (KS) is sulphated glycosoaminoglycan (GAG) component of proteoglycans found in cornea (KS type I), cartilage, intervertebral disk and other musculoskeletal tissues (KS type II). The KS chains are attached to the core proteins of many matrix proteoglycans eg lumican, keratocan, aggrecan etc. This monoclonal antibody has been raised against skeletal KS type II in human aggrecan. In addition to recognising skeletal KS type II epitopes it recognises corneal KS type I.

IMMUNOGEN
Keratan sulphate from skeletal KS type II in human aggrecan

CLONE
5D4

ISOTYPE
IgG

HOST
Mouse

PURITY
Affinity purified

SPECIFICITY
Highly sulphated keratan sulphate glycosoaminoglycan chains in both Type I and Type II KS (see Caterson et al 1983 and Mehmet et al 1986)

APPLICATIONS
- ELISA (see Thonar et al 1985)
- Western Blot (see Rees et al 2000)

TECHNICAL NOTES
No enzyme pretreatment required.

STORAGE BUFFER
PBS, no preservatives

For research use only.
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**Form**
Clear Liquid

**Concentration**
See vial label for concentration

**Storage**
Store at -20°C. Avoid freeze/thaw cycles. Check label for expiry date.

**References**