**Monoclonal Antibody to Chondroitinase-generated C-4-S and DS neoepitope (2B6)**

**Catalog Number 1042009**

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### INTRODUCTION

Monoclonal antibody to delta-unsaturated glucuronic acid adjacent to N-acetylgalactosamine-4-sulphate in the non-reducing terminal disaccharide “stub” of 4-sulphated chondroitin sulphate that is produced after chondroitinase digestion of chondroitin-4-sulphate glycosaminoglycan chains (chondroitinase ABC or ACII) or dermatan sulphate glycosaminoglycan chains (chondroitinase ABC or chondroitinase B).

### IMMUNOGEN

Bovine nasal cartilage aggrecan that had been deglycosylated with chondroitinase ABC digestion; i.e. BNC (ABC) Core (see Couchman et al 1984 and Caterson et al 1985).

### CLONE

2B6

### ISOTYPE

IgG

### HOST

Mouse

### PURITY

Affinity purified

### SPECIFICITY

Chondroitin-4-sulphate (C-4-S) after treatment with Chondroitinase ABC or ACII. Dermatan sulphate (DS) neoepitope after treatment with Chondroitinase ABC or B.

### APPLICATIONS

- ELISA (see Couchman et al 1984)
- Western Blot (see Rees et al 2000)
- Immunohistochemistry (see Couchman et al 1984 and Hayes et al 2007 & 2008)

### TECHNICAL NOTES

Pretreatment with Chondroitinase required. $1 \times 10^{-3}$ U per $10 \mu g$ GAG at $37$ °C for 1 hour.

### STORAGE BUFFER

PBS, no preservatives

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*For research use only.*

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IN30168.01
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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**