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TECHNICAL INFORMATION

ImmunO™

Catalog Number: 636511

Monoclonal Mouse Anti-Chondroitin-4-Sulfate Antibody

Form: Liquid in ascites.

Mouse Isotype: IgG₁.

Clone: BE-123

Immunogen: Mouse proteoglycan.

Specificity: Reacts with both mouse (fetal and adult) and human (fetal and adult) chondroitinase ABC digested cartilage proteoglycans. There is no reaction with native proteoglycans or with proteoglycans digested with either chondroitinase AC or testicular hyaluronidase. Chondroitin-4 sulfate disaccharides successfully inhibit the binding of monoclonal antibody to proteoglycans. Cross-reactivity with mouse, human, bovine, sheep, dog and rat.

Working Dilution: 1:400-13,200ELISA

1:50-1:6,400RIA

1:100-1:4,000Immunoblotting with ECL detection

It is recommended that the individual lab obtain their own optimal dilution for their assay.

References:

- *Agent Actions*, v. **23**, 63-66 (1987).
- *Arthritis Rheum.*, v. **30**, 306-318 (1987).
- *J. Histochem. Cytochem.*, v. **39**, 1175-1187 (1991).
- *Arthritis Rheum.*, v. **38**, 660-668 (1995).
- *J. Immunology*, v. **160**, 3812-3819 (1998).

Note: This product may contain a preservative such as sodium azide, thimerosal or proclin. Please see lot specific chemical credential for preservative information.

[If a titer/working dilution is not given above, please click here to see a general dilution chart for working with antibodies. Please note that the general dilution chart should only be used as a guideline. Each lab should determine their own optimal working dilution.](#)

[Will this antibody work with your application? Please click here to see a general chart of antibody applications. Please note that any information given above is primary application data. The general applications charts should only be used as a reference.](#)