



PRODUCT DATA SHEET

Product: Anti-Chondroitin Sulfate Proteoglycan, clone 5D3

Cat. No.: MC-800 (100 µL)

Specificity:

Reacts with chondroitin sulfate proteoglycan.

Species Reactivity:

Human. Others not tested.

Ig Isotype:

Mouse IgG1

Immunogen:

Human large molecular weight proteoglycan of articular cartilage (aggrecan)

Epitope:

Not identified.

Format:

100 µL ascites fluid containing 0.01% sodium azide. Antibody concentration 1-3 mg/mL.

Storage and Stability:

4°C short term, -20°C long term. Aliquot to avoid cycles of freeze/thaw.

Applications and Suggested Dilutions:

- ELISA: 1:500-1:1,000
- Immunohistochemistry: (paraffin embedded): 1:50-1:3,000. Treat tissue sections with 2 mg/mL testicular hyaluronidase in Na-acetate buffer, pH 5.5, for 1 hr at 37°C, followed by treatment with 0.2 mg/mL Protease XXIV in TBS, pH 7.2, for the same time and temperature.

- Immunoprecipitation: 1:50-1:300

- Western blot: 1:100-1:300

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

Reference:

1. Vertel (1995) Trends Cell Biology 5: 458-464.

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.