

Aggrecan Antibody to IGD Mouse Monoclonal Antibody

Catalog Number **1042005**

For research use only.

INTRODUCTION	This antibody detects aggrecan metabolites (intact or matrix protease-catabolised) in human synovial fluid samples
HOST	Mouse
CLONE	6B4
ISOTYPE	IgG1
LIGHT CHAIN TYPE	kappa
SPECIFICITY	Recognizes the linear amino acid sequence 394EPEEPFTFAPEI406 present in the interglobular domain (IGD) of human and bovine aggrecan. Cross-reacts with Human and Bovine.
PURITY	Affinity purified on protein G
STORAGE BUFFER	PBS, no preservatives
FORM	Liquid
CONCENTRATION	Please see vial label for concentration.

International
MD Bioproducts GmbH
Tel: +41- 44 986 2628
info@mdbioproducts.com

 
www.mdbioproducts.com

North America
MD Biosciences Bioproducts, LLC
Tel: 651-789-6535
products@mdbiosciences.com

APPLICATION

- ELISA: Use at an assay dependant dilution.
- IHC-P: Use at an assay dependant dilution.
- IHC-Fr: Use at an assay dependant dilution.
- WB: Use at a dilution of 1/100.

Optimal dilutions/concentrations should be determined by the end user. This antibody should work in IHC on formalin or paraformaldehyde-fixed paraffin embedded sections as well as either alcohol-fixed frozen sections or un-fixed snap-frozen sections.

Samples are usually deglycosylated using 0.01 Units Chondroitinase ABC (Sigma), 0.01 Units Keratanase (Seikagaku) and 0.0001 Units Keratanase II (Seikagaku) per 10ug S-GAG of non-deglycosylated aggrecan for optimal epitope recognition in SDS-PAGE and immunohistochemistry.

STORAGE

Store at 20 °C for 1 month. For long term storage, aliquot and store at -20 °C. Repeated freezing and thawing should be avoided.

EXPIRATION DATE

See Vial Label

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North America

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