

Mouse Chondroitin Sulphate Neoepitope Monoclonal Antibody

Monoclonal Antibody to Chondroitin Sulphate Neoepitope Antibody (clone 1B5)

CATALOG # AAA63031	HOST Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Chondroitin Sulphate Neoepitope; Monoclonal Antibody; Monoclonal Antibody to Chondroitin Sulphate Neoepitope Antibody (clone 1B5); Chondroitin Sulphate Neoepitope Antibody; anti-Chondroitin Sulphate Neoepitope antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1K
Clone Number	1B5
Specificity	This antibody recognizes zero sulphated Chondroitin Sulphate stub neoepitope generated by chondroitinase ABC treatment.
Purity/Purification	Protein A
Form/Format	Clear liquid
Concentration	0.1 mg/mL (varies by lot)
Applicable Applications for anti-Chondroitin Sulphate Neoepitope antibody	IHC (Immunohistochemistry), WB (Western Blot)
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).
Buffer	PBS, no preservatives
Technical Notes	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.
Preparation and Storage	Store at -20 degree C. Avoid repeating freezing and thawing. Aliquoting is recommended.

ADDITIONAL INFORMATION

Related Product Information for anti-Chondroitin Sulphate Neoepitope antibody	Chondroitin sulfate monoclonal antibody (mouse, clone 1B5) to detect the zero sulphated Chondroitin Sulphate stub neoepitope generated by chondroitinase ABC treatment. Overview: Recognizes delta unsaturated disaccharide of unsulfated chondroitin generated by chondroitinase ABC digestion.
Product Categories/Family for anti-Chondroitin Sulphate Neoepitope antibody	Antibodies to Aggrecan

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

