

Mouse Cartilage Link Protein Monoclonal Antibody | anti-HAPLN1 antibody

Monoclonal Antibody to cartilage Link Protein (clone 8A4)

CATALOG # AAA63027	HOST Mouse	APPLICATIONS immunoassay, Radioimmunoassay, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Cartilage Link Protein; Monoclonal Antibody; Monoclonal Antibody to cartilage Link Protein (clone 8A4); Antibody; Anti-HAPLN1 antibody; CRTL1; Hyaluronan and proteoglycan link protein 1; LP; Proteoglycan link protein; Cartilage-linking protein 1; HAPLN1 gene; P10915; anti-HAPLN1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG
Clone Number	8A4
Specificity	This antibody recognizes the structurally related amino acid sequence epitopes ... PISRP... andPITKP that occur in the two proteoglycan tandem repeat motifs of cartilage LP. This antibody can be used to detect intact LP 1,2 & 3 as well as a large number of smaller fragments that are generated through proteolytic cleavage during LP catabolism. It recognizes LP in all animal species from chicken to humans.
Purity/Purification	Affinity purified
Form/Format	Clear liquid; PBS, no preservatives
Concentration	0.1 mg/mL (varies by lot)
Sequence Length	354
Applicable Applications for anti-HAPLN1 antibody	RIA (Radioimmunoassay), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Link Protein from Bovine nasal cartilage
Technical Notes	No enzyme pretreatment required, however chondroitinase and hyaluronidase will increase antibody sensitivity by exposing epitopes. For WB chondroitinase and hyaluronidase treatment is recommended.
Preparation and Storage	Store at -20 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-HAPLN1 antibody	Cartilage-link protein (HAPLN1) monoclonal antibody (clone 8A4). Overview: Cartilage-link protein (LP) is a glycoprotein present in cartilage that stabilizes the interaction of aggrecan (versican) with hyaluronic acid (HA) in large proteoglycan aggregates.
Product Categories/Family for anti-HAPLN1 antibody	Antibodies to Aggrecan

NCBI AND UNIPROT INFORMATION

NCBI GI #	34378
NCBI GeneID	1404

UniProt Accession #	P10915; B2R9A9
NCBI Official Full Name	cartilage link protein
NCBI Official Synonym Full Names	hyaluronan and proteoglycan link protein 1
NCBI Official Symbol	HAPLN1
NCBI Official Synonym Symbols	CRTL1
NCBI Protein Information	hyaluronan and proteoglycan link protein 1; Cartilage link protein; cartilage-link protein; cartilage linking protein 1; cartilage-linking protein 1
UniProt Protein Name	Hyaluronan and proteoglycan link protein 1
UniProt Gene Name	HAPLN1
UniProt Synonym Gene Names	CRTL1; Cartilage-link protein
UniProt Entry Name	HPLN1_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cartilage-link-protein-antibody-clone-8a4-radioimmunoassay-immunohistochemistry-western-blot-elisa/63027>