

Biotin-conjugated Aggrecan Recombinant monoclonal antibody

Catalog Number: Biotin-84819-5

Basic Information

Catalog Number: Biotin-84819-5	GenBank Accession Number: NM_013227.4	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 176	CloneNo.: 250777C8
Source: Rabbit	UNIPROT ID: P16112-1	Recommended Dilutions: IHC : 1:50-1:500
Isotype: IgG	Full Name: aggrecan	
Immunogen Catalog Number: EG2994	Calculated MW: 261 kDa	
	Observed MW: 140-150 kDa	

Applications

Tested Applications: IHC	Positive Controls: IHC : human lung cancer tissue,
Species Specificity: human, mouse, rat	
Note-IHC: suggested antigen retrieval with <i>TE buffer pH 9.0</i>; (*) Alternatively, antigen retrieval may be performed with <i>citrate buffer pH 6.0</i>	

Background Information

Aggrecan (ACAN), also named as CSPCP, AGC1 and MSK16, belongs to the aggrecan/versican proteoglycan family (also including versican, brevican and neurocan). It is a major component of extracellular matrix of cartilaginous tissues. A major function of aggrecan is to resist compression in cartilage. It binds avidly to hyaluronic acid via an N-terminal globular region.

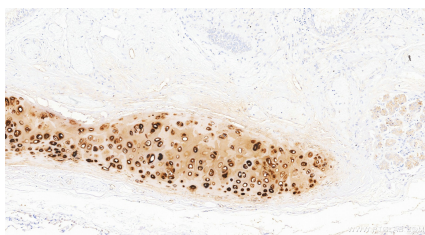
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using Biotin-84819-5 (Aggrecan antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).