

For Research Use Only

ACAN Monoclonal antibody

Catalog Number: 68350-1-Ig **1 Publications**



Basic Information

Catalog Number: 68350-1-Ig	GenBank Accession Number: BC036445	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 176	CloneNo.: 1G11B3
Source: Mouse	UNIPROT ID: P16112	Recommended Dilutions: IHC 1:500-1:2000
Isotype: IgG2a	Full Name: aggrecan	
Immunogen Catalog Number: AG4985	Calculated MW: 250 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human lung cancer tissue,
Cited Applications: IF, IHC	
Species Specificity: Human	
Cited Species: rabbit	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Aggrecan (ACAN), also named CSPCP, AGC1 and MSK16, belongs to the aggrecan/versican proteoglycan family (also including versican, brevican and neurocan). It is a major component of the 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.

Notable Publications

Author	Pubmed ID	Journal	Application
Kaibo Zhang	37528751	Am J Sports Med	IHC,IF

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

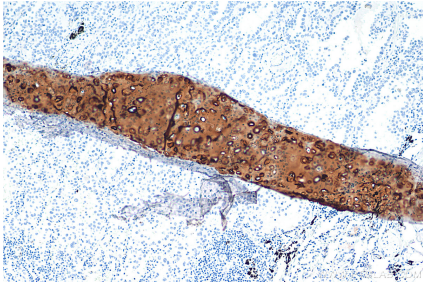
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 68350-1-Ig (ACAN antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).