

RecomAb™

ACAN recombinant monoclonal antibody, clone R07-1K1

Catalog # RAB06462 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human ACAN.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against protein corresponding to full length human ACAN.
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) The optimal working dilution should be determined by the end use.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry

Gene Info — ACAN

Entrez GeneID [176](#)

Protein Accession#	P16112
Gene Name	ACAN
Gene Alias	AGC1, AGCAN, CSPG1, CSPGCP, MSK16, SEDK
Gene Description	aggrecan
Omim ID	155760 608361
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the aggrecan/versican proteoglycan family. The encoded protein is an integral part of the extracellular matrix in cartilaginous tissue and it withstands compression in cartilage. Mutations in this gene may be involved in skeletal dysplasia and spinal degeneration. Multiple alternatively spliced transcript variants that encode different protein isoforms have been observed in this gene. [provided by RefSeq]
Other Designations	aggrecan 1 (chondroitin sulfate proteoglycan 1, large aggregating proteoglycan, antigen identified by monoclonal antibody A0122) aggrecan proteoglycan cartilage-specific proteoglycan core protein chondroitin sulfate proteoglycan 1 large aggregating proteo

Disease

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