

Datasheet for ABIN5539987 **anti-Aggrecan antibody**

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Overview

Quantity:	0.1 mg
Target:	Aggrecan (ACAN)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Aggrecan antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Purified Human Aggrecan
Clone:	4G4-A10
Isotype:	IgG1
Specificity:	Monoclonal Ab 4G4/A10 is specific for a core protein epitope of Human articular cartilage. Therefore, in addition to applications in immunochemistry and immunohistochemistry, the 4G4/A10 monoclonal antibody can be used for the detection of aggrecan core protein fragments released during Human inflammatory or degenerative joint diseases into synovial fluid and serum. Species: Human.
Purification:	Protein G Chromatography

Target Details

Target:	Aggrecan (ACAN)
Alternative Name:	aggrecan (ACAN Products)
Background:	Aggrecan is the major proteoglycan of human articular cartilage. The core protein is substituted by a number of keratan sulfate and chondroitin sulfate glycosaminoglycan chains.
UniProt:	P16112
Pathways:	Glycosaminoglycan Metabolic Process , Dicarboxylic Acid Transport

Application Details

Application Notes:	ELISA: Less than 1 µg/mL (Ref.1) Western Blot: 1 µg/mL Immunohistochemistry:
Restrictions:	For Research Use only

Handling

Buffer:	50 mM TRIS pH 7.4 without preservatives
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Expiry Date:	12 months