

Datasheet for ABIN870833 **anti-Aggrecan antibody**

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Overview

Quantity:	100 µg
Target:	Aggrecan (ACAN)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Aggrecan antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Clone:	4G4-A10
Isotype:	IgG1 kappa
Specificity:	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. 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 mAb 4G4/ A10 can be used for the detection of aggrecan core protein fragments released during human inflammatory or degenerative joint diseases into synovial fluid and serum.
Purification:	Purified human small basement membrane heparan sulfate proteoglycan (HS-PG). Protein G purified.

Target Details

Target:	Aggrecan (ACAN)
Alternative Name:	Aggrecan (ACAN Products)
Pathways:	Glycosaminoglycan Metabolic Process , Dicarboxylic Acid Transport

Application Details

Application Notes:	(1µg/ml) This antibody has not been tested for use in all applications. This does not necessarily exclude its use for non-tested procedures. The stated dilutions are recommendations only.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Resuspend in aqua bidest.
Buffer:	50 mM TRIS pH 7.4
Storage:	4 °C