

Datasheet for ABIN600402
anti-Aggrecan antibody (AA 20-675)



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Overview

Quantity:	500 µg
Target:	Aggrecan (ACAN)
Binding Specificity:	AA 20-675
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Aggrecan antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), ELISA

Product Details

Immunogen:	NS0-derived, recombinant human Aggrecan G1-IGD-G2 Domains aa20-675.
Isotype:	IgG2b
Specificity:	Recognizes human Aggrecan G1-IGD-G2 Domains.
Purification:	Protein G purified
Sterility:	Sterile filtered

Target Details

Target:	Aggrecan (ACAN)
Alternative Name:	Aggrecan (ACAN Products)
Background:	Name/Gene ID: ACAN

Target Details

Synonyms: ACAN, AGCAN, Aggrecan core protein, Acg1, Aggrecan, CSPG1, CSPGCP, CSPCP, AGC1, Aggrecan 1, Large aggregating proteoglycan, MSK16, SEDK, MCSPG

Gene ID: 176

UniProt: [P16112](#)

Pathways: [Glycosaminoglycan Metabolic Process](#), [Dicarboxylic Acid Transport](#)

Application Details

Application Notes: Approved: ELISA (0.5 - 1 µg/mL), IHC (25 µg/mL), IP (25 µg/mL), WB (1 - 2 µg/mL)

Usage: Suitable for use in ELISA, Western Blot, Immunoprecipitation, Immunohistochemistry.
ELISA: 0.5-1.0 µg/mL. Western Blot: 1-2 µg/mL. Immunohistochemistry: 25 µg/mL.
Immunoprecipitation: 25 µg/mL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: 40-50 % glycerol, PBS

Concentration: Lot specific

Buffer: Lyophilized from in 0.2 um sterile-filtered solution in PBS, 5 % trehalose

Storage: 4 °C, -20 °C

Storage Comment: Lyophilized powder may be stored at 4°C for short-term only. Reconstituted product is stable for 1 year at -20°C.