

Datasheet for ABIN1175197 **anti-Aggrecan antibody (FITC)**



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Overview

Quantity:	200 µL
Target:	Aggrecan (ACAN)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aggrecan antibody is conjugated to FITC
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	FITC-Linked Polyclonal Antibody to Aggrecan (AGC)
Immunogen:	The antibody is a rabbit polyclonal antibody raised against AGC conjugated to fitc.
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against AGC. It has been selected for its ability to recognize AGC in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	Aggrecan (ACAN)
Alternative Name:	Aggrecan (ACAN Products)

Target Details

Background: ACAN, AGC1, AGCAN, CSPG1, CSPCP, CSPGCP, MSK16, SEDK, Cartilage-specific proteoglycan core protein, Large Aggregating Proteoglycan, Chondroitin Sulfate Proteoglycan 1

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

Application Details

Application Notes: Western blotting: 0.2-2 µg/mL, 1:250-2500 Immunohistochemistry: 5-20 µg/mL, 1:25-100 Immunocytochemistry: 5-20 µg/mL, 1:25-100 Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 500 µg/mL

Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

Handling Advice: Avoid repeated freeze/thaw cycles

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

Expiry Date: 12 months