

## Aggrecan Antibody

Catalog No: #45068

Package Size: #45068-1 50ul #45068-2 100ul

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## Description

Product Name	Aggrecan Antibody
Purification	Immunogen affinity purified
Applications	WB IHC IF/ICC ELISA
Species Reactivity	Hu Ms Rt
Specificity	Aggrecan? Antibody detects endogenous levels of total Aggrecan?
Immunogen Type	Peptide
Immunogen Description	A synthesized peptide derived from human Aggrecan?
Target Name	Aggrecan?
Other Names	ACAN, AGCAN, Aggrecan core protein, Acg1, Aggrecan, CSPG1, CSPGCP, CSPCP, AGC1, Aggrecan 1, Large aggregating proteoglycan, MSK16, SEDK, MCSPG
Accession No.	Swiss-Prot#: P16112NCBI Gene ID:176
Uniprot	P16112
GeneID	176;
Calculated MW	261 kDa
Concentration	1.0mg/mL
Formulation	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20°C

## Application Details

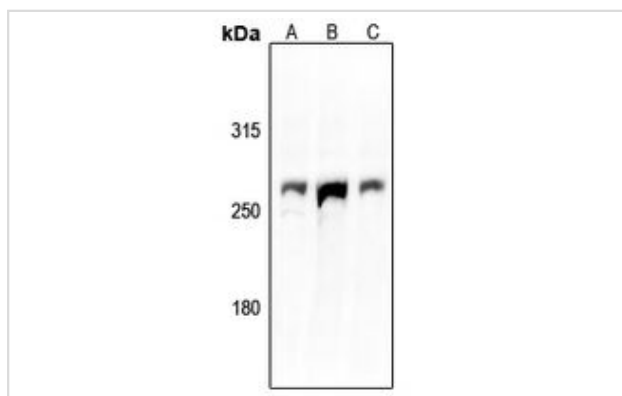
Western blotting: 1:500-1000

IF/ICC 1:50-1:200

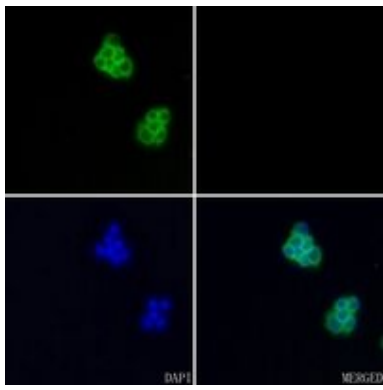
IHC 1:50-1:100

ELISA 1:10000-1:20000

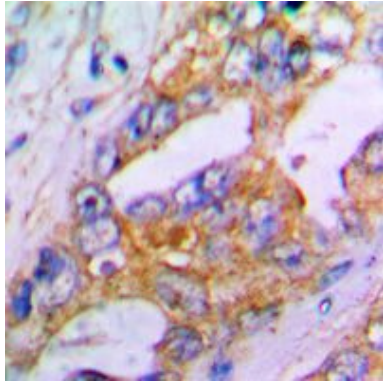
## Images



Western blot analysis of Aggrecan expression in CT26 (A), C6 (B), HeLa (C) whole cell lysates.



Immunofluorescent analysis of Aggrecan staining in C6 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



Immunohistochemical analysis of Aggrecan staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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Note: This product is for in vitro research use only