

For Research Use Only



CoraLite® Plus 488-conjugated Aggrecan Recombinant monoclonal antibody

Catalog Number: **CL488-84819-5**

Basic Information

Catalog Number: CL488-84819-5	GenBank Accession Number: NM_013227.4	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 176	CloneNo.: 250777C8
Isotype: IgG	UNIPROT ID: P16112-1	Recommended Dilutions: IF/ICC: 1:50-1:500
Immunogen Catalog Number: EG2994	Full Name: aggrecan	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
	Calculated MW: 261 kDa	
	Observed MW: 140-150 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HEK-293 cells,
Species Specificity: human, mouse, rat	

Background Information

Aggrecan (ACAN), also named as CSPCP, AGC1 and MSK16, belongs to the aggrecan/versican proteoglycan family (also including versican, brevican and neurocan). It is a major component of extracellular matrix of cartilaginous tissues. A major function of aggrecan is to resist compression in cartilage. It binds avidly to hyaluronic acid via an N-terminal globular region.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol)
fixed HEK-293 cells using CoraLite® Plus 488
Aggrecan antibody (CL488-84819-5, Clone:
250777C8) at dilution of 1:200.