

Anti-Aggrecan Reference Antibody (Ablynx patent anti-Aggrecan)

Catalog # APR11518

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P16112
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1-CS
Calculated MW	261329

Additional Information

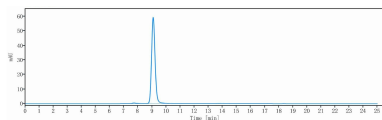
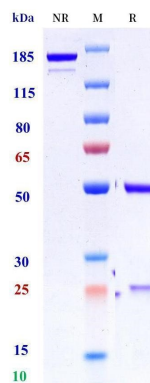
Target/Specificity	Aggrecan
Expression system	CHO

Protein Information

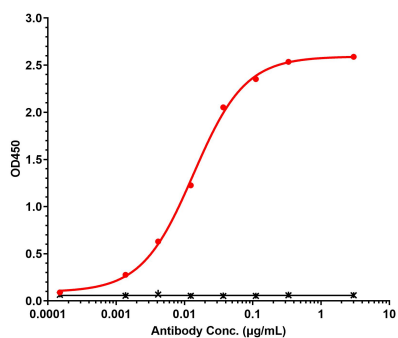
Name	ACAN
Synonyms	AGC1, CSPG1, MSK16
Function	This proteoglycan is a major component of extracellular matrix of cartilagenous tissues. A major function of this protein is to resist compression in cartilage. It binds avidly to hyaluronic acid via an N-terminal globular region.
Cellular Location	Secreted, extracellular space, extracellular matrix {ECO:0000250 UniProtKB:P07898}
Tissue Location	Detected in fibroblasts (at protein level) (PubMed:36213313). Restricted to cartilage (PubMed:7524681)

Images

Anti-Aggrecan Reference Antibody (Ablynx patent anti-Aggrecan) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-Aggrecan Reference Antibody (Ablynx patent anti-Aggrecan) is 98.4%, determined by SEC-HPLC.



Immobilized hu-Aggrecan(P16112)-his, It's target at 2 µg/mL can bind bamlanivimab, EC50= 0.06357 µg/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.