

Product Datasheet

Aggrecan Antibody (MK-302)

NBP2-29670

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Aggrecan Antibody (MK-302)

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	MK-302
Preservative	No Preservative
Isotype	IgG1
Purity	Unpurified
Buffer	Ascites
Product Description	
Description	Relevant Entrez Gene Numbers: NM_001135.2;NM_013227.2
Host	Mouse
Gene ID	176
Gene Symbol	ACAN
Species	Human, Mouse, Rat, Bovine, Canine, Rabbit, Sheep
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Marker	Chondrocyte Marker
Specificity/Sensitivity	Reacts with a wide range of cartilage proteoglycans after either chondroitinase (ABC or AC) or testicular hyaluronidase digestion. Native proteoglycans do not react with MAB2035. Antibody binding to epitope is successfully inhibited by disaccharides of chondroitin-6-sulfate. Recognizes the chondroitin-6-sulfate stubs (preferentially in clusters) of high density cartilage proteoglycans of different species. No cross-reactivity with dermatan sulfate, keratan sulfate or chondroitin-4-sulfate.
Immunogen	Chondroitinase ABC-digested adult human aggrecan.
Notes	Relevant Entrez Gene Numbers: NM_001135.2;NM_013227.2
Product Application Details	
Applications	Western Blot, ELISA, Radioimmunoassay
Recommended Dilutions	Western Blot 1:100-1:2000, ELISA 1:100-1:5000, Radioimmunoassay 1:100-1:200
Application Notes	Chondroitinase ABC digestion prior to antibody reaction is required for antibody reactivity. {0.5U/mL in 100mM Tris-HCL, 30 minutes room temperature} A dramatic proteolytic digestion of the core protein (e.g. with papain or pronase) significantly reduces the antibody reactivity.





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Products Related to NBP2-29670

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-55539PEP	Aggrecan Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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