

Product Datasheet

Aggrecan Antibody (BC-13)

NB110-12050

Unit Size: 1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB110-12050

Aggrecan Antibody (BC-13)

Product Information	
Unit Size	1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	BC-13
Preservative	0.02% Sodium Azide
Isotype	IgG1 Kappa
Purity	Tissue culture supernatant
Buffer	PBS (pH 7.4)
Target Molecular Weight	250 kDa

Product Description	
Host	Mouse
Gene ID	176
Gene Symbol	ACAN
Species	Human, Porcine, Bovine, Canine, Equine
Reactivity Notes	Human, porcine, bovine, equine and canine tissues. Not yet tested in other species.
Marker	Chondrocyte Marker
Specificity/Sensitivity	Recognises the aggrecanase (ADAMTS-1, -4 & -5)-generated C-terminal neoepitope...TEGE after cleavage between amino acids..EGE373 and 374ARG.. within the interglobular domain of aggrecanase-catabolised aggrecan.
Immunogen	...NITEGE synthetic peptide conjugate.
Notes	Please note: this product has dropped from 2.0 ml to 1.0 ml, however, it has also been purified and can be used at higher concentration. Additionally, the buffer is now only PBS and Sodium Azide, and the BSA has been removed. Please contact our customer support with any questions.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:50, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	Optimal dilutions/concentrations should be determined by the end user. This antibody should work in IHC on formalin- or paraformaldehyde-fixed paraffin embedded sections as well as either alcohol-fixed frozen sections or un-fixed snap-frozen sections. Immunocytochemistry/Immunofluorescence was reported in scientific literature. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA

Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
novus@novusbio.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada

Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: technical@novusbio.com
Orders: orders@novusbio.com
General: novus@novusbio.com

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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