

Product Datasheet

Aggrecan Antibody (BC-3) [Alexa Fluor® 405] NB600-504AF405-0.1ml

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB600-504AF405-0.1ml

Aggrecan Antibody (BC-3) [Alexa Fluor® 405]

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	BC-3
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor 405
Purity	Tissue culture supernatant
Buffer	50mM Sodium Borate
Target Molecular Weight	250 kDa
Product Description	
Host	Mouse
Gene ID	176
Gene Symbol	ACAN
Species	Human, Mouse, Rat, Porcine, Bovine, Canine, Equine, Feline, Guinea Pig, Rabbit, Sheep
Reactivity Notes	Cross-reacts with Human, Cow, Cat, Dog, Guinea pig, Horse, Pig, Rabbit, Rat and Sheep. Mouse reactivity reported in scientific literature (PMID: 27185069). Not yet tested in other species.
Marker	Chondrocyte Marker
Specificity/Sensitivity	Recognizes the aggrecanase (ADAMTS-1, -4 & -5)-generated N-terminal neopeptide ARG after cleavage between amino acids EGE and ARG within the interglobular domain of aggrecanase-catabolised aggrecan.
Immunogen	ARGSV... synthetic peptide conjugate.
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
Product Application Details	



Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
Application Notes	This Aggrecan antibody is useful in Immunohistochemistry, ELISA and Western blot. With IHC the antibody works in formalin- or paraformaldehyde-fixed paraffin embedded sections as well as either alcohol-fixed frozen sections or un-fixed snap-frozen sections. In Western blot the antibody detects a variety of epitopes between 50 and 250 kDa. 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.





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Products Related to NB600-504AF405-0.1ml

IC002V	Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 405]
NB600-504AF488-0.1ml	Aggrecan Antibody (BC-3) [Alexa Fluor® 488]
NBP2-55540PEP	Aggrecan Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]

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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