

# Product Datasheet

## Aggrecan Antibody (BC-3) [DyLight 488] NB600-504G-100ul

Unit Size: 100 ul

Store at 4C in the dark.

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**NB600-504G-100ul**

Aggrecan Antibody (BC-3) [DyLight 488]

Product Information	
Unit Size	100 ul
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	DyLight 488
Purity	Tissue culture supernatant
Buffer	50mM Sodium Borate
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 neoepitope ARG after cleavage between amino acids EGE and ARG within the interglobular domain of aggrecanase-catabolised aggrecan.
Immunogen	ARGSV... synthetic peptide conjugate.
Notes	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
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 NB600-504G-100ul

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NBP1-43319G-0.5ml	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 488]
NB600-504B-100ul	Aggrecan Antibody (BC-3) [Biotin]
NBP2-55539PEP	Aggrecan Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]

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### 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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