

# Product Datasheet

## AggreCAN Antibody (BC-3) [mFluor Violet 610 SE] NB600-504MFV610

Unit Size: 0.1 ml

Store at 4°C in the dark.

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**NB600-504MFV610**

Aggrecan Antibody (BC-3) [mFluor Violet 610 SE]

| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 0.1 ml  |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.   |
| Storage                     | Store at 4C in the dark.  |
| Clonality                   | Monoclonal  |
| Clone                       | BC-3  |
| Preservative                | 0.05% Sodium Azide  |
| Isotype                     | IgG1 Kappa  |
| Conjugate                   | mFluor Violet 610 SE  |
| Purity                      | Protein A or G purified   |
| 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                       | mFluor(TM) is a trademark of AAT Bioquest, Inc. 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, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin   |
| Recommended Dilutions       | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen   |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.  |





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### **Products Related to NB600-504MFV610**

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|               |                                      |
|---------------|--------------------------------------|
| NBP2-55540PEP | Aggrecan Recombinant Protein Antigen |
| 210-TA-005    | TNF-alpha [Unconjugated]             |
| DY1220        | Aggrecan [Biotin]                    |
| 201-LB-005    | IL-1 beta/IL-1F2 [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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