

# Product Datasheet

## **Troponin I Type 1 (slow skeletal) Antibody (7G2) [mFluor Violet 500 SE] NB200-432MFV500**

Unit Size: 0.2 ml

Store at 4C in the dark.

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**NB200-432MFV500**

Troponin I Type 1 (slow skeletal) Antibody (7G2) [mFluor Violet 500 SE]

| Product Information |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size           | 0.2 ml                                                                                                           |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C in the dark.                                                                                         |
| Clonality           | Monoclonal                                                                                                       |
| Clone               | 7G2                                                                                                              |
| Preservative        | 0.05% Sodium Azide                                                                                               |
| Isotype             | IgG2b                                                                                                            |
| Conjugate           | mFluor Violet 500 SE                                                                                             |
| Purity              | Protein A purified                                                                                               |
| Buffer              | 50mM Sodium Borate                                                                                               |

| Product Description     |                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Mouse                                                                                                                                                                                                                                 |
| Gene ID                 | 7135                                                                                                                                                                                                                                  |
| Gene Symbol             | TNNI1                                                                                                                                                                                                                                 |
| Species                 | Human, Invertebrate                                                                                                                                                                                                                   |
| Reactivity Notes        | Invertebrate reactivity reported in scientific literature (PMID: 26213227).                                                                                                                                                           |
| Specificity/Sensitivity | Troponin I from human skeletal muscle. Cross-reaction of this with cardiac troponin I is less than 1.5%.                                                                                                                              |
| Immunogen               | Hybridoma clone has been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with Human skTnI.                                                                                               |
| 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, Immunoassay, Sandwich ELISA, Immunoaffinity Purification |
| Recommended Dilutions       | Western Blot, Immunoassay, Sandwich ELISA, Immunoaffinity Purification |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |





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### **Products Related to NB200-432MFV500**

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|                  |                                                                  |
|------------------|------------------------------------------------------------------|
| NBP2-27231MFV500 | Mouse IgG2b Isotype Control (MPC-11) [mFluor Violet 500 SE]      |
| NBP2-22892       | Recombinant Human Troponin I Type 1 (slow skeletal) His Protein  |
| NBP2-76598       | Human Troponin I Type 1 (slow skeletal) ELISA Kit (Colorimetric) |
| NB110-68136      | Tenascin C Antibody (4C8MS) - BSA Free                           |

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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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