

# Product Datasheet

## MYH6 Antibody (3-48) [Alexa Fluor® 532] NB300-284AF532

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB300-284AF532**

MYH6 Antibody (3-48) [Alexa Fluor® 532]

| 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                   | 3-48                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Preservative            | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Isotype                 | IgG1 Kappa                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Conjugate               | Alexa Fluor 532                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Purity                  | Protein A or G purified                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Buffer                  | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene ID                 | 4624                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Gene Symbol             | MYH6                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Species                 | Human, Mouse, Rat, Canine                                                                                                                                                                                                                                                                                                                                                                                                               |
| Reactivity Notes        | Canine reactivity reported in (PMID: 23577316). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. Predicted to react with Rabbit, Bovine. |
| Specificity/Sensitivity | This antibody recognizes alpha and beta type heavy chains of light meromyosin fragments (LMM) of cardiac myosin heavy chains. It also reacts with LMM fragments of cardiac myosin and beta heavy chain of slow human skeletal muscle. The antibody does not crossreact with human myosin light chains.                                                                                                                                  |
| Immunogen               | Human ventricular myosin                                                                                                                                                                                                                                                                                                                                                                                                                |



|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <b>Product Application Details</b> |                                                                                                           |
|------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Applications</b>                | Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| <b>Recommended Dilutions</b>       | Western Blot, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.                                    |



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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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