

# Product Datasheet

## Myosin heavy chain 11 Antibody (MYH11/2303R) [Alexa Fluor™ Plus 680] NBP3-08486AFP680

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-08486AFP680**

Myosin heavy chain 11 Antibody (MYH11/2303R) [Alexa Fluor™ Plus 680]

| 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               | MYH11/2303R   |
| Preservative        | 0.05% Sodium Azide  |
| Isotype             | IgG   |
| Conjugate           | Alexa Fluor Plus 680  |
| Purity              | Protein A or G purified   |
| Buffer              | 50mM Sodium Borate  |

| Product Description     |  |
|-------------------------|--|
| Host                    | Rabbit   |
| Gene ID                 | 4629   |
| Gene Symbol             | MYH11  |
| Species                 | Human, Rat, Porcine, Bovine, Canine, Chicken, Feline, Guinea Pig, Rabbit   |
| Specificity/Sensitivity | Smooth muscle myosin heavy chain (SM-MHC) is a cytoplasmic structural protein, which is a major component of the contractile apparatus in smooth muscle cells. Expression of smooth muscle myosin is developmentally regulated, appearing early in smooth muscle development, and is specific for smooth muscle development. Two isoforms of smooth muscle myosin heavy chain have been identified, designated MHC-1 and MHC-2. The antibody may be useful for the study of breast tumors as the presence of an intact layer of myoepithelial cells is an important feature, which may distinguish benign breast lesions and carcinoma in situ from invasive tumors.   |
| Immunogen               | Recombinant full-length human Myosin heavy chain 11 protein (Uniprot: P35749)  |
| Notes                   | This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not 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, 5781 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.com</a> . 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                | Immunohistochemistry-Paraffin  |
| Recommended Dilutions       | Immunohistochemistry-Paraffin  |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |





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### **Products Related to NBP3-08486AFP680**

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|               |  |
|---------------|--|
| NBP1-87025PEP | Myosin heavy chain 11 Recombinant Protein Antigen    |
| NBP3-39536    | Human Myosin heavy chain 11 ELISA Kit (Colorimetric) |
| NB100-59787   | PML Protein Antibody - BSA Free                      |
| NB600-507     | Transgelin/TAGLN/SM22 alpha Antibody                 |

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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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