

Product Datasheet

Actin Alpha 1 Cardiac Muscle Antibody (22D3) [Alexa Fluor™ Plus 594] NBP1-97725AFP594

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP1-97725AFP594

Actin Alpha 1 Cardiac Muscle Antibody (22D3) [Alexa Fluor™ Plus 594]

| 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 | 22D3 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 |
| Conjugate | Alexa Fluor Plus 594 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Host | Mouse |
| Gene ID | 70 |
| Gene Symbol | ACTC1 |
| Species | Human, Mouse, Rat, Porcine, Bovine, Goat, Rabbit, Zebrafish |
| Reactivity Notes | The epitope recognized by this antibody is highly conserved; the antibody therefore cross-reacts with many species Bovine reactivity reported in scientific literature (PMID: 30591979). Mouse reactivity reported in scientific literature (PMID: 28624189). |
| Specificity/Sensitivity | This antibody is highly specific for actin alpha 1 (cardiac), and does not cross react with other actin isoforms. |
| Immunogen | Derived by fusion of NS0 Mouse myeloma cells with spleen cells from a BALB/c Mouse immunized with a peptide comprising the N-terminal nonapeptide of Actin Alpha 1 Cardiac Muscle with an acetylated N-terminus (Ac-DDEETTALVC-COOH) coupled to keyhole limpet hemocyanin through the cysteine residue. |
| 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 outlicensing@thermofisher.com . 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, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen |



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|------------------------------|---|
| 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 NBP1-97725AFP594

| | |
|--------------------|---|
| H00000070-P01-10ug | Recombinant Human Actin Alpha 1 Cardiac Muscle GST (N-Term) Protein |
| NBL1-07273 | Actin Alpha 1 Cardiac Muscle Overexpression Lysate |
| MAB4470 | Myosin Heavy Chain Antibody (MF20) [Unconjugated] |
| AF3844 | Desmin Antibody [Unconjugated] |

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

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