

Product Datasheet

Actin Alpha 1 Cardiac Muscle Antibody (22D3) [DyLight 650] NBP1-97725C

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP1-97725C

Actin Alpha 1 Cardiac Muscle Antibody (22D3) [DyLight 650]

| 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 | DyLight 650 |
| 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-DDEETALVC-COOH) coupled to keyhole limpet hemocyanin through the cysteine residue. |
| Notes | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. |
| 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 NBP1-97725C

| | |
|--------------------|---|
| NBP1-97005C | Mouse IgG1 Isotype Control (MG1) [DyLight 650] |
| 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] |

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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