

Product Datasheet

Actin Alpha 1 Cardiac Muscle Antibody (22D3) [FITC] NBP1-97725F

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP1-97725F**Actin Alpha 1 Cardiac Muscle Antibody (22D3) [FITC]**

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	FITC
Purity	Protein A or G purified
Buffer	PBS
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.
Product Application Details	
Applications	ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	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 NBP1-97725F

NBP1-96849	Mouse IgG1 Isotype Control (MG1) [FITC]
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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