

# Product Datasheet

## Actin Antibody (3B3) [Alexa Fluor™ Plus 647] NBP1-97723AFP647

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-97723AFP647**

Actin Antibody (3B3) [Alexa Fluor™ Plus 647]

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	3B3
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Alexa Fluor Plus 647
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	58
Gene Symbol	ACTA1
Species	Human, Rat, Porcine, Goat, Rabbit
Reactivity Notes	The epitope recognized by Clone 3B3 is highly conserved and the antibody is therefore expected to react with many other species.
Specificity/Sensitivity	This antibody highly specific for alpha-skeletal actin, and does not cross react with other actin isoforms.
Immunogen	This antibody is a mouse monoclonal IgG1 antibody 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 alpha-skeletal actin with an acetylated N-terminus (Ac-DEDETTALVC-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 <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	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen



**Application Notes**

Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP1-97723AFP647**

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H00000058-P01-10ug	Recombinant Human Actin GST (N-Term) Protein
664-LI-025	LIGHT/TNFSF14 [Unconjugated]
NBP2-66422	Human Actin ELISA Kit (Chemiluminescence)
NB300-223	Vimentin 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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