

Product Datasheet

mtTFA Antibody (18G102B2E11) [Alexa Fluor® 647] NBP1-71648AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP1-71648AF647

mtTFA Antibody (18G102B2E11) [Alexa Fluor® 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	18G102B2E11
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Conjugate	Alexa Fluor 647
Purity	Protein G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	7019
Gene Symbol	TFAM
Species	Human, Mouse, Rat
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 28053692)
Immunogen	Human mtTFA [Swiss-Prot# Q00059]
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are 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, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.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, Simple Western, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated, Knockout Validated
Recommended Dilutions	Western Blot, Simple Western, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Knockout Validated, Knockdown Validated
Application Notes	Optimal dilution of this antibody should be experimentally determined.



Publications

Dlaskova A, Engstova H, Spacek T et al. 3D super-resolution microscopy reflects mitochondrial cristae alternations and mtDNA nucleoid size and distribution *Biochim Biochim Biophys Acta Bioenerg.* 2018-05-01 [PMID: 29727614] (ICC/IF, Human)

Details:

Citation using the Alexa Fluor 647 form of this antibody.





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Products Related to NBP1-71648AF647

NBP1-43317AF647	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [Alexa Fluor® 647]
NBP1-71648AF700	mtTFA Antibody (18G102B2E11) [Alexa Fluor® 700]
NBP1-50977-0.01mg	Recombinant Human mtTFA His Protein
210-TA-005	TNF-alpha [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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