

# Product Datasheet

## MITF Antibody (21D1418) [Alexa Fluor™ Plus 647] NB100-56561AFP647

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-56561AFP647**

MITF Antibody (21D1418) [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	21D1418
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Alexa Fluor Plus 647
Purity	Protein G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	4286
Gene Symbol	MITF
Species	Human, Mouse, Rat
Specificity/Sensitivity	Mitf produces, by alternative splicing, 10 different transcripts, all with introns, putatively encoding 10 different protein isoforms. Therefore, observed molecular weights may vary depending on MITF isoforms expressed. Users are encouraged to utilize the peptide immunogen sequence to gain further information about the isoforms recognized by the antibody.
Immunogen	A synthetic peptide mapping to the 300-350 a.a. region of accession number O75030.
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, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NB100-56561AFP647**

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NBP1-88618PEP	MITF Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
NBP2-09070	MITF Overexpression Lysate
M6000B-1	IL-6 [HRP]

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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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