

Product Datasheet

Melan-A/MART-1 Antibody (A103) [Alexa Fluor® 647] NBP2-46603AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-46603AF647

Melan-A/MART-1 Antibody (A103) [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	A103
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor 647
Purity	Protein G purified
Buffer	50mM Sodium Borate

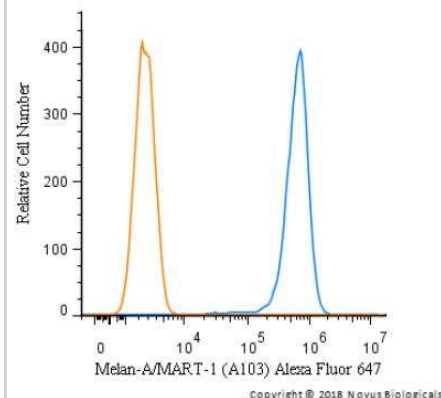
Product Description	
Host	Mouse
Gene ID	2315
Gene Symbol	MLANA
Species	Human, Mouse, Rat
Immunogen	Recombinant human Melan-A/MART-1. [Uniprot# Q16655]
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys 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, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
Application Notes	Optimal dilution of this antibody should be experimentally determined.



Images

Flow Cytometry: Melan-A/MART-1 Antibody (A103) [Alexa Fluor® 647] [NBP2-46603AF647] - An intracellular stain was performed on SK-MEL-28 cells with Melan-A/MART-1 [A103] Antibody NBP2-46603AF647 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 647.



Publications

Yapeng Su, Melissa E. Ko, Hanjun Cheng, Ronghui Zhu, Min Xue, Jessica Wang, Jihoon W. Lee, Luke Frankiw, Alexander Xu, Stephanie Wong, Lidia Robert, Kaitlyn Takata, Dan Yuan, Yue Lu, Sui Huang, Antoni Ribas, Raphael Levine, Garry P. Nolan, Wei Wei, Sylvia K. Plevritis, Guideng Li, David Baltimore, James R. Heath Multi-omic single-cell snapshots reveal multiple independent trajectories to drug tolerance in a melanoma cell line *Nature Communications* 2020-05-11 [PMID: 32393797]

Baranda J, Mohyuddin G, Bur A et al. A window of opportunity trial evaluating intratumoral injection of Copaxone(R) in patients with percutaneously accessible tumors *Translational Medicine Communications* 2023-02-27 (IHC-P, Human)

Wang Z, Li J, Gao Y et al. Transglutaminase-2 of pancreatic cancer cells assembles a CXCL12-keratin 19-coat that mediates the resistance to immunotherapy *bioRxiv* 2019-09-19 (IHC-P, IHC-Fr, Human)



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Products Related to NBP2-46603AF647

IC002R	Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 647]
NBP2-23223	Recombinant Human Melan-A/MART-1 His Protein
285-IF-100	IFN-gamma [Unconjugated]
NBP2-33535PEP	Melan-A/MART-1 Recombinant Protein Antigen

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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