

# Human Mart-1/MELAN-A monoclonal antibody (87.1.1)

Catalog PODI-0070

Product specification sheet PS-PAb0070

## Product description

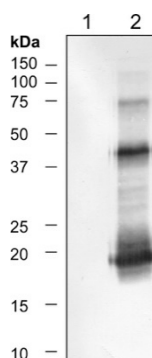
Mart-1/ Melan-A is a single span transmembrane protein originally isolated as melanoma-specific antigen. It localizes to intracellular membranes (melanosomes, ER, Golgi, small vesicles). Clone 87.1.1 is suitable for ELISA and Western blot assays and showed outstanding sensitivity in immunohistochemical staining of human tissue

Product type:	Primary antibodies
Clone number:	87.1.1
Immunogen:	Purified recombinant full length human Mart-1 (expressed in HEK293 cells)
Reacts with:	Human Mart-1, C-terminal intracellular part
Tested applications:	ELISA, WB, IHC
Purity:	Protein A affinity purified, >95%
Isotype:	IgG1
Light chain type:	Kappa
Storage buffer:	PBS
Form:	Liquid
Concentration:	0.5 mg/ml

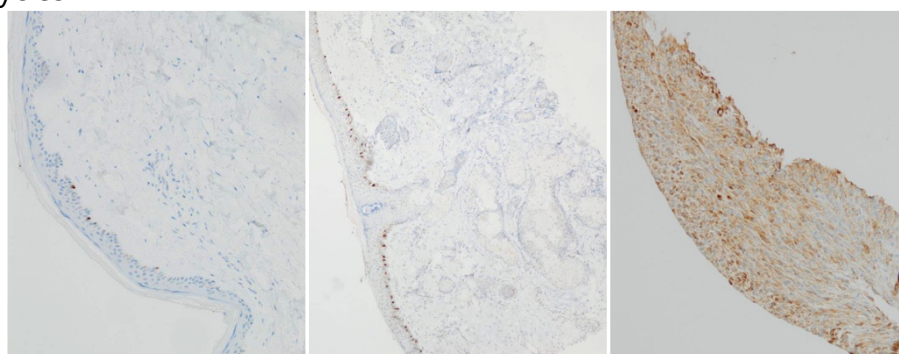
## Storage and stability

Store at 4 °C, short term (1-2 weeks). For long-term storage, aliquot and keep at or below -20° C. Avoid repeated freeze-thaw cycles

## Data



Western blot analysis of recombinant Mart-1 expressed in HEK293 cells. Lane 1 – soluble N-terminal peptide of Mart-1 (amino acids 1-107); Lane 2 – full length Mart-1



Immunohistochemistry staining of formaldehyde fixed, paraffin embedded human skin tissue samples stained with anti-Mart-1 87.1.1 and anti-mouse-HRP. DAB/H<sub>2</sub>O<sub>2</sub> was used as a chromogen. Panels from left to right: normal skin, hyperplasia, melanoma

## References

Chen YT, Stockert E, Jungbluth A, Tsang S, Coplan KA, Scanlan MJ, Old LJ. Serological analysis of Melan-A(MART-1), a melanocyte-specific protein homogeneously expressed in human melanomas. Proc Natl Acad Sci U S A. 1996 Jun 11;93(12):5915-9

Cormier JN, Salgaller ML, Prevette T, Barracchini KC, Rivoltini L, Restifo NP, Rosenberg SA, Marincola FM. Enhancement of cellular immunity in melanoma patients immunized with a peptide from MART-1/Melan A. Cancer J Sci Am. 1997 Jan-Feb;3(1):37-44.

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