

## MART-1 Antibody

Catalog No: #33429

Package Size: #33429-1 50ul #33429-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

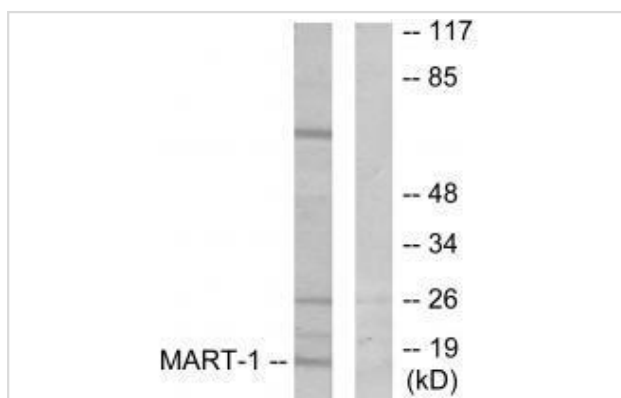
Product Name	MART-1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total MART-1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human MART-1.
Target Name	MART-1
Other Names	MART-1; MART1; melan-A; MELAN A; MELANOMA ANTIGEN RECOGNIZED BY T CELLS 1
Accession No.	Swiss-Prot: Q16655NCBI Gene ID: 2315
SDS-PAGE MW	15kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500~1:3000

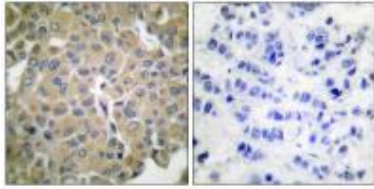
Immunohistochemistry: 1:50~1:100

## Images



Western blot analysis of extracts from NIH/3T3 cells, using MART-1 antibody #33429.

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MART-1 antibody #33429.



## Background

Involved in melanosome biogenesis by ensuring the stability of GPR143. Plays a vital role in the expression, stability, trafficking, and processing of melanocyte protein PMEL, which is critical to the formation of stage II melanosomes.

Toshihiko Hoashi, *J. Biol. Chem.*, Apr 2005; 280: 14006 - 14016.

Maria P. Bettinotti, *J. Immunol.*, Jul 1998; 161: 877.

P. J. Frost, *J. Immunol.*, Mar 2001; 166: 3564.

Flora Wang, *Clin. Cancer Res.*, Oct 1999; 5: 2756.

## Published Papers

el at., Targeting p63 upregulation abrogates resistance to MAPK inhibitors in melanoma. In *Cancer Res* on 2020 Apr 14. by Patel A, Fraile Garcia L, et al.. PMID:32291316, , (2020)

[PMID:32291316](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.