

Anti-Mart-1 Antibody (2F603)

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 13 kDa. Actual: 17 kDa.
Clone:	2F603
Purification:	Protein A purified

Applications

Verified Activity:	1. (Negative control) Paraformaldehyde-fixed, paraffin embedded Human Liver Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Mart-1 Monoclonal Antibody, Unconjugated (TMAB-08618) at 1: 200 overnight at 4°C, followed by conjugation to the AffiniPure Goat Anti-Mouse IgG H&L-HRP and DAB staining.
	2. Paraformaldehyde-fixed, paraffin embedded Human melanoma; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Mart-1 Monoclonal Antibody, Unconjugated (TMAB-08618) at 1: 200 overnight at 4°C, followed by conjugation to the AffiniPure Goat Anti-Mouse IgG H&L-HRP and DAB staining.
	3. 25 µg total protein per lane of various lysates (see on figure) probed with Mart-1 monoclonal antibody, unconjugated (TMAB-08618) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
Application:	IHC-P,IHC-Fr,IF,WB
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human Mart-1
Antigen Species:	Human
Gene ID:	2315
Uniprot ID:	Q16655

Research Background

Melan A, a product of the MART-1 gene, is a melanocyte differentiation marker recognized by autologous cytotoxic T lymphocytes. Other melanoma-associated markers recognized by autologous cytotoxic T cells are reported to include MAGE-1, MAGE-3, tyrosinase, gp100, gp75, BAGE-1 and GAGE-1. The analysis of these different molecules and their expression in individual melanomas may be of help in the study of their particular molecular roles in melanocyte differentiation and tumorigenesis.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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