

Mouse Anti-Mart-1 antibody

SLM-34121M

Product Name	Mart-1
Chinese Name	黑色素瘤相关抗原单克隆抗体
Alias	MAR1_HUMAN; Melanoma antigen recognized by T-cells 1; MLANA; MART1; Antigen LB39-AA; Antigen SK29-AA; Protein Melan-A;
Research Area	Tumour Cell biology immunology TumourCell biologyMaker
Immunogen Species	Mouse
Clonality	Monoclonal
Clone NO.	F4D11
React Species	Human
Applications	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,WB=1:500-2000 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	13kDa
Cellular localization	cytoplasmic The cell membrane
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human Mart-1
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	PBS containing 50% glycerol, 0.5% BSA and 2% sodium azide.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	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.

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2315