



Rabbit Anti-MARVELD1 antibody

SL6548R

Product Name:	MARVELD1
Chinese Name:	候选Tumour抑制基因MARVELD1抗体
Alias:	GB14; MARVD1; MARVEL (membrane-associating) domain containing 1; MARVEL domain containing protein 1; MRVLDC1; Putative MARVEL domain containing protein 1; MALD1_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	19kDa
Cellular localization:	The nucleuscytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MARVELD1:31-130/173<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	MARVELD1, (MARVEL domain-containing 1), is one of the MARVEL (MAL and related proteins for vesicle trafficking and membrane link) domain-containing proteins. It is a nuclear-localized protein that is widely expressed in normal human tissues. While it has been reported to be overexpressed in colon cancer, MARVELD1 protein levels

are generally lower in several primary tumors including ovary, breast, kidney, bladder and liver. This lower level of MARVELD1 expression in tumors is thought to be due to a higher methylation status of the MARVELD1 promoter as treatment of MDA-MB-361 with 5-aza-2'-deoxycytidine restores MARVELD1 expression, suggesting that loss of MARVELD1 expression may contribute to tumorigenicity.

Function:

Microtubule-associated protein that exhibits cell cycle-dependent localization and can inhibit cell proliferation and migration

Subcellular Location:

Cell membrane; Multi-pass membrane protein. Cytoplasm, cytoskeleton. Nucleus. Note=Observed in the nucleus and at the perinuclear region during interphase, but localizes at the mitotic spindle and midbody at metaphase. A significant fraction of MARVELD1 translocates to the plasma membrane during anaphase or upon microtubule depolymerization.

Tissue Specificity:

Widely expressed in normal tissues. Down-regulated in multiple primary tumors.

Similarity:

Contains 1 MARVEL domain.

SWISS:

Q9BSK0

Gene ID:

83742

Database links:

[Entrez Gene: 83742](#)Human

[Entrez Gene: 277010](#)Mouse

[Entrez Gene: 309375](#)Rat

[SwissProt: Q9BSK0](#)Human

[SwissProt: Q7TQJ1](#)Mouse

[Unigene: 209614](#)Human

[Unigene: 206250](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human,

	therapeutic or diagnostic applications.
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