



Rabbit Anti-MCC antibody

SL6072R

Product Name:	MCC
Chinese Name:	大肠癌Tumour突变蛋白抗体
Alias:	Colorectal mutant cancer protein; MCC 1; MCC-1; MCC1; Mutated in colorectal cancers; Protein MCC; CRCM_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=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:	93kDa
Cellular localization:	The nucleusThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MCC.:901-1019/1019
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:	This gene is a candidate colorectal tumor suppressor gene that is thought to negatively regulate cell cycle progression. The orthologous gene in the mouse expresses a phosphoprotein associated with the plasma membrane and membrane organelles, and overexpression of the mouse protein inhibits entry into S phase. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008].

Function:

Candidate for the putative colorectal tumor suppressor gene located at 5q21. Suppresses cell proliferation and the Wnt/b-catenin pathway in colorectal cancer cells. Inhibits DNA binding of b-catenin/TCF/LEF transcription factors. Involved in cell migration independently of RAC1, CDC42 and p21-activated kinase (PAK) activation.

Subunit:

Interacts with SCRIB, EZR, SNX27, SLC9A3R1 and SLC9A3R2. Interacts with CTNNB1; the interaction is enhanced upon Wnt stimulation.

Subcellular Location:

Cell membrane. Nucleus. Cytoplasm.

Tissue Specificity:

Expressed in a variety of tissues.

Similarity:

Belongs to the MCC family.

SWISS:

P23508

Gene ID:

4163

Database links:

[Entrez Gene: 4163](#)Human

[Entrez Gene: 328949](#)Mouse

[Entrez Gene: 307449](#)Rat

[Omim: 159350](#)Human

[SwissProt: P23508](#)Human

[Unigene: 593171](#)Human

[Unigene: 312511](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.