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MCC Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant MCC.
Catalog # AT2815a

Product Information

Application	WB, E
Primary Accession	P23508
Other Accession	BC009279
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	1A7
Calculated MW	93027

Additional Information

Gene ID	4163
Other Names	Colorectal mutant cancer protein, Protein MCC, MCC
Target/Specificity	MCC (AAH09279, 31 a.a. ~ 130 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	MCC Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

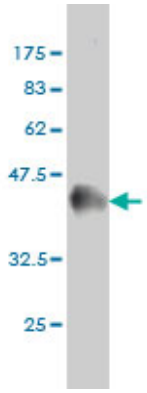
This gene is a candidate colorectal tumor suppressor gene that is thought to negatively regulate cell cycle progression. The orthologous gene in the mouse expresses a phosphoprotein associated with the plasma membrane and membrane organelles, and overexpression of the mouse protein inhibits entry into S phase. Multiple transcript variants encoding different isoforms have been found for this gene.

References

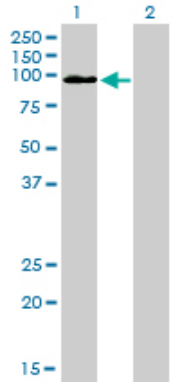
Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.Association of genetic variants with hemorrhagic stroke in Japanese individuals. Yoshida T, et al. Int J Mol Med, 2010 Apr. PMID

20198315.Assessment of a polymorphism of SDK1 with hypertension in Japanese Individuals. Oguri M, et al. Am J Hypertens, 2010 Jan. PMID 19851296.MCC, a new interacting protein for Scrib, is required for cell migration in epithelial cells. Arnaud C, et al. FEBS Lett, 2009 Jul 21. PMID 19555689.Mutated in colorectal cancer, a putative tumor suppressor for serrated colorectal cancer, selectively represses beta-catenin-dependent transcription. Fukuyama R, et al. Oncogene, 2008 Oct 9. PMID 18591935.

Images

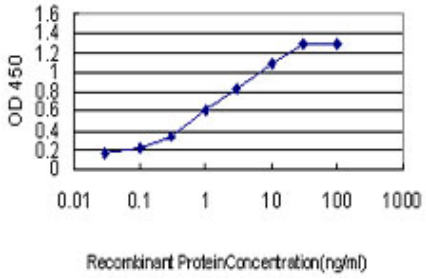


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.63 KDa) .

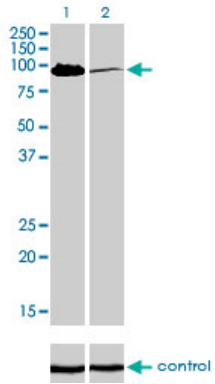


Western Blot analysis of MCC expression in transfected 293T cell line by MCC monoclonal antibody (M01), clone 1A7.

Lane 1: MCC transfected lysate(93.1 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged MCC is approximately 0.03ng/ml as a capture antibody.



Western blot analysis of MCC over-expressed 293 cell line, cotransfected with MCC Validated Chimera RNAi ((Cat # AT2815a)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.