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MCC Antibody (monoclonal) (M01)

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

Specification

MCC Antibody (monoclonal) (M01) - Product Information

Application	**WB, E**
Primary Accession	P23508
Other Accession	BC009279
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**93027**

MCC Antibody (monoclonal) (M01) - 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

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.

MCC Antibody (monoclonal) (M01) - Protocols

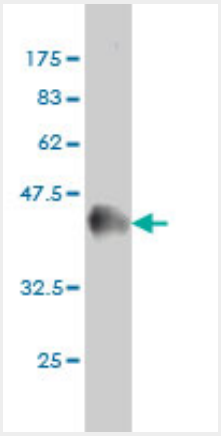
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

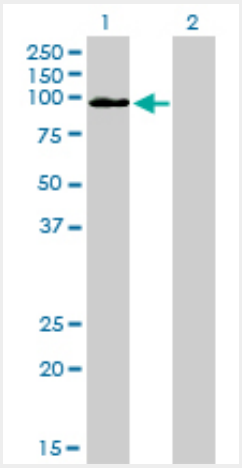
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- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MCC Antibody (monoclonal) (M01) - Images



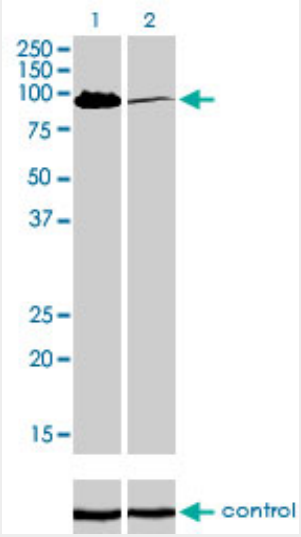
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.63 KDa) .



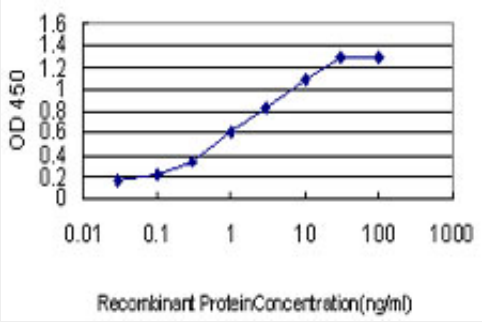
Western Blot analysis of MCC expression in transfected 293T cell line by MCC monoclonal antibody (M01), clone 1A7.

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

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



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

MCC Antibody (monoclonal) (M01) - 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.

MCC Antibody (monoclonal) (M01) - 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.