# antibodies -online.com





#### Datasheet for ABIN7116539

## anti-MCC antibody



#### Overview

Quantity:	100 μg
Target:	MCC
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunofluorescence (IF)

#### **Product Details**

Immunogen:	mutated in colorectal cancers
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

## Target Details

Target:	MCC
Alternative Name:	MCC (MCC Products)
Background:	Synonyms: Background: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(PubMed:18591935,

## **Target Details**

PubMed:19555689, PubMed:22480440). Represses the beta-catenin pathway(canonical Wnt
signaling pathway) in a CCAR2-dependent manner by sequestering CCAR2 to the cytoplasm,
thereby impairing its ability to inhibit SIRT1 which is involved in the deacetylation and negative
regulation of beta-catenin(CTNB1) transcriptional activity(PubMed:24824780).

Molecular Weight:	98 kDa , 113-118 kDa
Gene ID:	4163
UniProt:	P23508

## **Application Details**

Application Notes:	WB: 1:500-1:2000, IP: 1:200-1:1000, IHC: 1:20-1:200, IF: 1:20-1:200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months