MCC Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MCC, Polyclonal Antibody
Full Product Name	MCC (Colorectal Mutant Cancer Protein, Protein MCC, Mutated In Colorectal Cancers, MCC1, FLJ38893, FLJ46755, DKFZp762O1615) (MaxLight 490
Product Gene Name	anti-MCC antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human MCC. Species Crossreactivity: mouse and rat.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
OMIM	159350
3D Structure	ModBase 3D Structure for P23508
Immunogen	Full length human MCC, aa1-829 (NP_002378.1).
Immunogen Sequence	MNSGVAMKYGNDSSAELSELHSAALASLKGDIVELNKRLQQTERERDLLEKKLAKAQCEQSHLMREHEDVQERTTLRYEERITELHSVIAELNKKIDRLQG
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-MCC antibody	Antibodies; Oncoproteins
Applications Tested/Suitable for anti-MCC antibody	Western Blot (WB)
Application Notes for anti-MCC antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-MCC antibody	This gene is a candidate colorectal tumor suppressor gene that is thought to negatively regulate cell cycle progression. The orthologous gene in the mo
Other Notes	Small volumes of anti-MCC antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessa

Searchable Terms for MCC purchase	MBS6385066 is an antibody targeting MCC. Also known as MCC (Colorectal Mutant Cancer Protein, Protein MCC, Mutated In Colorectal Cancers, MC

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MCC. It may not necessarily be applicable to this product.

NCBI GI #	4505129
NCBI Accession #	NP_002378.1
UniProt Primary Accession #	P23508
GenBank Nucleotide #	NM_002387
NCBI Official Full Name	colorectal mutant cancer protein isoform 2
UniProt Protein Name	Colorectal mutant cancer protein
Protein Family	Colorectal mutant cancer protein
UniProt Gene Name	MCC
UniProt Synonym Gene Names	Protein MCC
UniProt Entry Name	CRCM_HUMAN
UniProt Comments for MCC	MCC: 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. Belongs to the MCC family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Tumor suppressor; Cell cycle regulation Chromosomal Location of Human Ortholog: 5q21 Cellular Component: nucleoplasm; lamellipodium; cytoplasm; plasma membrane; nucleus Molecular Function: protein binding; receptor activity Biological Process: Wnt receptor signaling pathway; signal transduction; negative regulation of epithelial cell proliferation
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