MCC Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	MCC, Monoclonal Antibody
Full Product Name	MCC (Colorectal Mutant Cancer Protein, Protein MCC, Mutated In Colorectal Cancers, MCC1, FLJ38893, FLJ46755, DKFZp762O1615) (MaxLight 750)
Product Gene Name	anti-MCC antibody
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	1A7
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human MCC.
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 amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight750 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	Partial recombinant corresponding to aa31-130 from human MCC (AAH09279) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	DIVELNKRLQQTERERDLLEKKLAKAQCEQSHLMREHEDVQERTTLRYEERITELHSVIAELNKKIDRLQGTTIREEDEYSELRSELSQSQHEVNEDSRS
Conjugate	MaxLight750
Product Categories/Family for anti-MCC antibody	Antibodies; Oncoproteins
Applications Tested/Suitable for anti-MCC antibody	FLISA, 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 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]
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 necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for MCC purchase	MBS6233812 is an antibody targeting MCC. Also known as MCC (Colorectal Mutant Cancer Protein, Protein MCC, Mutated In Colorectal Cancers, MCC1, FLJ38893, FLJ46755, DKFZp762O1615) (MaxLight 750). Reactive in Human. Host: Mouse.

ADDITIONAL DETAILS

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

NCBI GI #	39644864
NCBI GeneID	4163
NCBI Accession #	BC009279
NCBI Related Accession #	AAH09279
UniProt Related Accession #	P23508
NCBI Official Full Name	Homo sapiens mutated in colorectal cancers, mRNA
NCBI Official Synonym Full Names	MCC regulator of WNT signaling pathway
NCBI Official Symbol	MCC
NCBI Official Synonym Symbols	MCC1
Protein Family	Colorectal mutant cancer protein
NCBI Protein Information	colorectal mutant cancer protein
Research Articles on MCC	**1.** This study provided new evidence of epistatic association of VAMP5 and MCC with increased risk of Hirschsprung disease
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Online datasheet: https://www.mybiosource.com/monoclonal-human-antibody/mcc/6233812