APC Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	APC, Polyclonal Antibody
Full Product Name	APC (Adenomatous Polyposis Coli Protein, Protein APC, Deleted in Polyposis 2.5, DP2.5) (MaxLight 650)
Product Gene Name	anti-APC antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human APC.
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
Immunogen	Full length human APC, aa1-2843 (AAI11592.1).
Immunogen Sequence	MAAASYDQLLKQVEALKMENSNLRQELEDNSNHLTKLETEASNMKEVLKQLQGSIEDEAMASSGQIDLLERLKELNLDSSNFPGVKLRSKMSLRSYGSRE
Conjugate	MaxLight650
Note	Preservative Free
Product Categories/Family for anti-APC antibody	Antibodies; Tumor Suppressors
Applications Tested/Suitable for anti-APC antibody	Western Blot (WB)
Application Notes for anti-APC antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-APC antibody	Tumor suppressor. Promotes rapid degradation of CTNNB1 and participates in Wnt signaling as a negative regulator. APC activity is correlated with its
Other Notes	Small volumes of anti-APC antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessa
Searchable Terms for APC purchase	MBS6369998 is an antibody targeting APC. Also known as APC (Adenomatous Polyposis Coli Protein, Protein APC, Deleted in Polyposis 2.5, DP2.5) (

ADDITIONAL DETAILS

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

NCBI GI #	109939738
NCBI GeneID	324
NCBI Accession #	BC111591
NCBI Related Accession #	AAI11592.1
UniProt Related Accession #	P25054
NCBI Official Full Name	Synthetic construct Homo sapiens clone IMAGE:40080545, MGC:133408 APC protein (APC) mRNA, encodes complete protein
NCBI Official Synonym Full Names	APC regulator of WNT signaling pathway
NCBI Official Symbol	APC
NCBI Official Synonym Symbols	GS; DP2; DP3; BTPS2; DESMD; DP2.5; PPP1R46
Protein Family	Adenomatous polyposis coli
NCBI Protein Information	adenomatous polyposis coli protein
NCBI Summary for APC	This gene encodes a tumor suppressor protein that acts as an antagonist of the Wnt signaling pathway. It is also involved in other processes including cell migration and adhesion, transcriptional activation, and apoptosis. Defects in this gene cause familial adenomatous polyposis (FAP), an autosomal dominant pre-malignant disease that usually progresses to malignancy. Mutations in the APC gene have been found to occur in most colorectal cancers. Disease-associated mutations tend to be clustered in a small region designated the mutation cluster region (MCR) and result in a truncated protein product. [provided by RefSeq, Dec 2019]
Research Articles on APC	**1.** we demonstrated that APC loss imparts resistance through decreased DNA damage response, which can be attenuated through DNA repair inhibition, suggesting the potential clinical use of DNA repair inhibitions as combination therapy.
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