CTNNBIP1 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CTNNBIP1, Monoclonal Antibody
Full Product Name	CTNNBIP1 (Catenin, beta Interacting Protein 1, ICAT, MGC15093) (MaxLight 490)
Product Gene Name	anti-CTNNBIP1 antibody
Product Synonym Names	Catenin; beta Interacting Protein 1; ICAT; MGC15093
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	3B3
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified
Specificity	Recognizes human CTNNBIP1.
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: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	11.3kDa (101a) confirmed by MALDI-TOF
OMIM	607758
3D Structure	ModBase 3D Structure for Q9NSA3
Immunogen	Partial recombinant protein corresponding to aa1-81 from human CTNNBIP1 with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MNREGAPGKSPEEMYIQQKVRVLLMLRKMGSNLTASEEEFLRTYAGVVNSQLSQLPPHSIDQGAEDVVMAFSRSETEDRRQ
Conjugate	MaxLight490
Product Categories/Family for anti-CTNNBIP1 antibody	Antibodies; Catenin
Applications Tested/Suitable for anti-CTNNBIP1 antibody	FLISA, Western Blot (WB)
Application Notes for anti-CTNNBIP1 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-CTNNBIP1 antibody	The protein encoded by this gene binds CTNNB1 and prevents interaction between CTNNB1 and TCF family members. The encoded protein is a negative regulator of the Wnt signaling pathway. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]
Other Notes	Small volumes of anti-CTNNBIP1 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 CTNNBIP1 purchase	MBS6205789 is an antibody targeting CTNNBIP1. Also known as CTNNBIP1 (Catenin, beta Interacting Protein 1, ICAT, MGC15093) (MaxLight 490). Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CTNNBIP1. It may not necessarily be applicable to this product.

NCBI GI #	9910390
NCBI GeneID	56998
NCBI Accession #	NP_064633
UniProt Primary Accession #	Q9NSA3
UniProt Secondary Accession #	Q5T4V2
UniProt Related Accession #	Q9NSA3
GenBank Nucleotide #	NM_020248.2
NCBI Official Full Name	beta-catenin-interacting protein 1
NCBI Official Synonym Full Names	catenin beta interacting protein 1
NCBI Official Symbol	CTNNBIP1
NCBI Official Synonym Symbols	ICAT
UniProt Protein Name	Beta-catenin-interacting protein 1
UniProt Synonym Protein Names	Inhibitor of beta-catenin and Tcf-4
Protein Family	Beta-catenin-interacting protein
UniProt Gene Name	CTNNBIP1
UniProt Synonym Gene Names	ICAT
UniProt Entry Name	CNBP1_HUMAN
NCBI Protein Information	beta-catenin-interacting protein 1
UniProt Comments for CTNNBIP1	CTNNBIP1: Prevents the interaction between CTNNB1 and TCF family members, and acts as negative regulator of the Wnt signaling pathway. Belongs to the CTNNBIP1 family. Protein type: Cell development/differentiation; Inhibitor Chromosomal Location of Human Ortholog: 1p36.22 Cellular Component: nucleoplasm; cytoplasm; nucleus; beta-catenin destruction complex; cytosol Molecular Function: protein binding; beta-catenin binding Biological Process: anterior/posterior pattern formation; positive regulation of monocyte differentiation; positive regulation of osteoblast differentiation; Wnt receptor signaling pathway; negative regulation of Wnt receptor signaling pathway; ureteric bud branching; negative regulation of smooth muscle cell proliferation; negative regulation of transcription factor activity; negative regulation of protein binding; regulation of vascular permeability during acute inflammatory response; negative regulation of DNA binding
Research Articles on CTNNBIP1	**1.** The present work aims to investigate the relationship between the expression of AEG-1(astrocyte elevated gene-1), b-FGF(basic-fibroblast growth factor), beta-catenin, Ki-67, TNF-alpha (tumor necrosis factor-alfa) other prognostic parameters in DC (Ductal Carcinomas) and ductal intraepithelial neoplasm. We found a relationship between these factors.
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