FBXO9 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FBXO9, Polyclonal Antibody
Full Product Name	FBXO9, CT (FBXO9, FBX9, VCIA1, F-box only protein 9, Cross-immune reaction antigen 1, Renal carcinoma antigen NY-REN-57) (MaxLight 490)
Product Gene Name	anti-FBXO9 antibody
Product Synonym Names	FBXO9; FBX9; VCIA1; F-box only protein 9; Cross-immune reaction antigen 1; Renal carcinoma antigen NY-REN-57
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
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.
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	47,361 Da
OMIM	609091
3D Structure	ModBase 3D Structure for Q9UK97
Immunogen	FBXO9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 353-382 amino acids from the C-terminal region of human FBXO9.
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-FBXO9 antibody	Antibodies; Cancer Markers
Applications Tested/Suitable for anti-FBXO9 antibody	Flow Cytometry (FC/FACS), FLISA, Western Blot (WB)
Application Notes for anti-FBXO9 antibody	FC/FACS: 1:10-50 FLISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-FBXO9 antibody	MaxLight490 is a new Blue-Green photostable dye conjugate comparable to DyLight488, Alexa Fluor488 and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (491nm); Emission (515nm); Extinction Coefficient 73,000.
Product References and Citations for anti-FBXO9 antibody	Jin, J., et al. Genes Dev. 18(21):2573-2580(2004). Mungall, A.J., et al. Nature 425(6960):805-811(2003). Scanlan, M.J., et al. Int. J. Cancer 83(4):456-464(1999). Winston, J.T., et al. Curr. Biol. 9(20):1180-1182(1999). Cenciarelli, C., et al. Curr. Biol. 9(20):1177-1179(1999).

Other Notes	Small volumes of anti-FBXO9 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 FBXO9 purchase	MBS6298511 is an antibody targeting FBXO9. Also known as FBXO9, CT (FBXO9, FBX9, VCIA1, F-box only protein 9, Cross-immune reaction antigen 1, Renal carcinoma antigen NY-REN-57) (MaxLight 490). Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FBXO9. It may not necessarily be applicable to this product.

NCBI GI #	6912546
NCBI GeneID	26268
NCBI Accession #	NP_036479.1
UniProt Primary Accession #	Q9UK97
UniProt Secondary Accession #	O75986; Q59EH8; Q6PKH7; Q9NT57; Q9Y593; A6NFW3; B3KMM6
UniProt Related Accession #	Q9UK97
GenBank Nucleotide #	NM_012347.4
NCBI Official Full Name	F-box only protein 9 isoform 1
NCBI Official Synonym Full Names	F-box protein 9
NCBI Official Symbol	FBXO9
NCBI Official Synonym Symbols	FBX9; VCIA1; NY-REN-57; dJ341E18.2
UniProt Protein Name	F-box only protein 9
UniProt Synonym Protein Names	Cross-immune reaction antigen 1; Renal carcinoma antigen NY-REN-57
Protein Family	F-box only protein
UniProt Gene Name	FBXO9
UniProt Synonym Gene Names	FBX9; VCIA1
UniProt Entry Name	FBX9_HUMAN
NCBI Protein Information	F-box only protein 9; F-box protein Fbx9; cross-immune reaction antigen 1; renal carcinoma antigen NY-REN-57
NCBI Summary for FBXO9	This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class. Alternative splicing of this gene generates at least 3 transcript variants diverging at the 5' terminus. [provided by RefSeq, Jul 2008]

UniProt Comments for FBXO9	FBXO9: Substrate-recognition component of the SCF (SKP1-CUL1-F- box protein)-type E3 ubiquitin ligase complex. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Ubiquitin conjugating system; Ligase Chromosomal Location of Human Ortholog: 6p12.3-p11.2 Cellular Component: cytoplasm; SCF ubiquitin ligase complex; ubiquitin ligase complex Molecular Function: protein binding; ubiquitin-protein ligase activity Biological Process: fat cell differentiation; SCF-dependent proteasomal ubiquitin-dependent protein catabolic process; innate immune response; protein ubiquitination; regulation of TOR signaling pathway
Research Articles on FBXO9	**1.** ICK and FBX9 are divergently transcribed from a bidirectional promoter that is GC-rich and contains a CpG island.
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