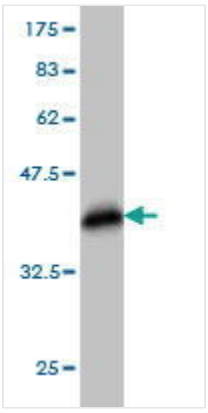
FBXO11 Antibody – Mouse Monoclonal

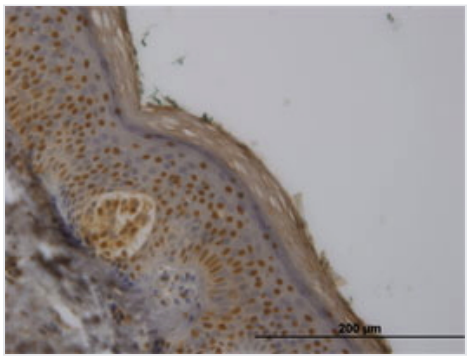
PRODUCT OVERVIEW

Product Name	FBXO11, Monoclonal Antibody
Full Product Name	FBXO11 (FBX11, VIT1, F-box Only Protein 11, Vitiligo-associated Protein 1, VIT-1, FLJ12673, MGC44383, PRMT9, UBR6, UG063H01) APC
Product Gene Name	anti-FBXO11 antibody
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	4C12
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human FBXO11.
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: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	94kDa
3D Structure	ModBase 3D Structure for Q6DF73
Immunogen	Partial recombinant corresponding to aa744-844 from human FBXO11 (NP_079409) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	KAVSRGQCLYKISSYTSYPMHDFYRCHTCNTTDRNAICVNCIKKCHQGHDVEFIRHDRFFCDCGAGTLSNPCTLAGEPTHDTDTLYDSAPPIESNTLQHN
Conjugate	APC
Product Categories/Family for anti-FBXO11 antibody	Antibodies; Ubiquitin Ligases
Applications Tested/Suitable for anti-FBXO11 antibody	ELISA (EIA), Immunofluorescence (IF), Immunohistochemistry (IHC), Western Blot (WB)
Application Notes for anti-FBXO11 antibody	IF: 10ug/ml Applications are based on unconjugated antibody.
Related Product Information for anti-FBXO11 antibody	MBS6136557 is an antibody targeting FBXO11. Also known as FBXO11 (FBX11, VIT1, F-box Only Protein 11, Vitiligo-associated Protein 1, VIT-1, FLJ12673, MGC44383, PRMT9, UBR6, UG063H01) APC. Reactive in Human. Host: Mouse.

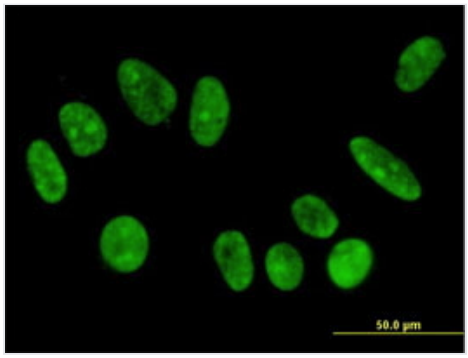
Other Notes	Small volumes of anti-FBXO11 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



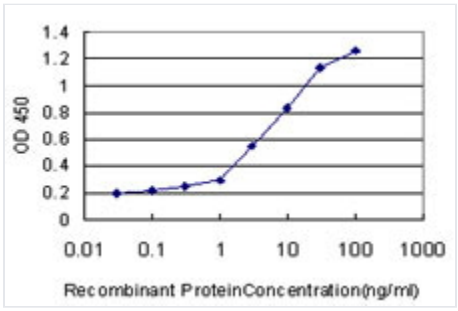
Western Blot (WB) of anti-FBXO11 antibody
Western Blot detection against Immunogen (37.11kD).



Immunohistochemistry (IHC) of anti-FBXO11 antibody
Immunoperoxidase of monoclonal antibody to FBXO11 on formalin-fixed paraffin-embedded human melanoma. [antibody concentration 3ug/ml].



Immunofluorescence (IF) of anti-FBXO11 antibody
Immunofluorescence of monoclonal antibody to FBXO11 on HeLa cell. [antibody concentration 10ug/ml].



Testing Data of anti-FBXO11 antibody
Detection limit for recombinant GST tagged FBXO11 is ~0.1ng/ml as a capture antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FBXO11. It may not necessarily be applicable to this product.

NCBI GI #	30089926
NCBI GeneID	80204
NCBI Accession #	NP_079409
UniProt Primary Accession #	Q6DF73
UniProt Related Accession #	Q86XK2
GenBank Nucleotide #	NM_025133
NCBI Official Full Name	F-box only protein 11 isoform 1
NCBI Official Synonym Full Names	F-box protein 11
NCBI Official Symbol	FBXO11
NCBI Official Synonym Symbols	UBR6; VIT1; FBX11; PRMT9; IDDFBA; UG063H01
Protein Family	F-box only protein
NCBI Protein Information	F-box only protein 11

NCBI Summary for FBXO11	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 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. It can function as an arginine methyltransferase that symmetrically dimethylates arginine residues, and it acts as an adaptor protein to mediate the neddylation of p53, which leads to the suppression of p53 function. This gene is known to be down-regulated in melanocytes from patients with vitiligo, a skin disorder that results in depigmentation. Polymorphisms in this gene are associated with chronic otitis media with effusion and recurrent otitis media (COME/ROM), a hearing loss disorder, and the knockout of the homologous mouse gene results in the deaf mouse mutant Jeff (Jf), a single gene model of otitis media. Alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jun 2010]
Research Articles on FBXO11	**1.** High expression of FBXO11 predicted a poor survival of hepatocellular carcinoma patients.
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