UBE2C Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	UBE2C, Monoclonal Antibody
Full Product Name	UBE2C (Ubiquitin-conjugating Enzyme E2C, UBCH10, dJ447F3.2) (MaxLight 490)
Product Gene Name	anti-UBE2C antibody
Product Synonym Names	Ubiquitin-conjugating Enzyme E2C; UBCH10; dJ447F3.2
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3B1
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified
Specificity	Recognizes UBE2C.
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.
Immunogen	UBE2C (AAH50736, 1aa-179aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Conjugate	MaxLight490
Product Categories/Family for anti-UBE2C antibody	Antibodies; Ubiquitin Ligases
Applications Tested/Suitable for anti-UBE2C antibody	FLISA, Immunofluorescence (IF), Western Blot (WB)
Application Notes for anti-UBE2C antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-UBE2C 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.
Other Notes	Small volumes of anti-UBE2C 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 UBE2C purchase	MBS6209235 is an antibody targeting UBE2C. Also known as UBE2C (Ubiquitin-conjugating Enzyme E2C, UBCH10, dJ447F3.2) (MaxLight 490). Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UBE2C. It may not necessarily be applicable to this product.

NCBI GI #	29791813
NCBI GeneID	11065
NCBI Accession #	AAH50736

UniProt Related Accession #	O00762
NCBI Official Full Name	Ubiquitin-conjugating enzyme E2C
NCBI Official Synonym Full Names	ubiquitin conjugating enzyme E2 C
NCBI Official Symbol	UBE2C
NCBI Official Synonym Symbols	UBCH10; dJ447F3.2
Protein Family	Probable ubiquitin-conjugating enzyme
NCBI Protein Information	ubiquitin-conjugating enzyme E2 C
NCBI Summary for UBE2C	The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, ubiquitin-conjugating enzymes, and ubiquitin-protein ligases. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. The encoded protein is required for the destruction of mitotic cyclins and for cell cycle progression, and may be involved in cancer progression. Multiple transcript variants encoding different isoforms have been found for this gene. Pseudogenes of this gene have been defined on chromosomes 4, 14, 15, 18, and 19. [provided by RefSeq, Aug 2013]
Research Articles on UBE2C	**1.** MiR-548e-5p-UBE2C-ZEB1/2 signal axis may be a suitable diagnostic marker and a potential target for lung cancer therapy.
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