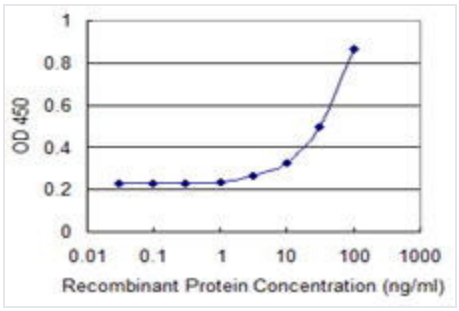
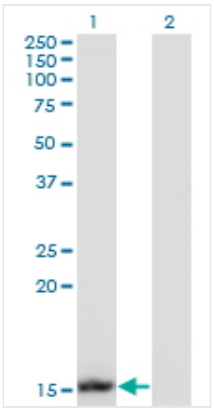
UBE2B Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	UBE2B, Monoclonal Antibody
Full Product Name	UBE2B (Ubiquitin-conjugating Enzyme E2B (RAD6 Homolog), E2-17kD, HHR6B, HR6B, RAD6B, UBC2) (Biotin)
Product Gene Name	anti-UBE2B antibody
Product Synonym Names	Ubiquitin-conjugating Enzyme E2B (RAD6 Homolog); E2-17kD; HHR6B; HR6B; RAD6B; UBC2
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1F11
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified
Specificity	Recognizes UBE2B.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge
Molecular Weight	17,312 Da
Immunogen	UBE2B (AAH08470.1, 1aa-152aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MSTPARRRLMRDFKRLQEDPPVGVSGAPSENNIMQWNAVIFGPEGTPFEDGTFKLVIEFSEEYPNKPPTVRFLSKMFHPNVYADGSICLDILQNRWSPTY
Conjugate	Biotin
Product Categories/Family for anti-UBE2B antibody	Antibodies; Ubiquitin Ligases
Applications Tested/Suitable for anti-UBE2B antibody	Western Blot (WB)
Application Notes for anti-UBE2B antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-UBE2B antibody	MBS6173513 is an antibody targeting UBE2B. Also known as UBE2B (Ubiquitin-conjugating Enzyme E2B (RAD6 Homolog), E2-17kD, HHR6B, HR6B,
Other Notes	Small volumes of anti-UBE2B antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Testing Data of anti-UBE2B antibody
Detection limit for recombinant GST tagged UBE2B is 1 ng/ml as a capture antibody.



Western Blot (WB) of anti-UBE2B antibody
Western Blot analysis of UBE2B expression in transfected 293T cell line by UBE2B monoclonal antibody (M13), clone 1F11.Lane 1: UBE2B transfected lysate (17.3 KDa).Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UBE2B. It may not necessarily be applicable to this product.

NCBI GI #	14250116
NCBI GeneID	7320
NCBI Accession #	AAH08470.1
UniProt Secondary Accession #	P23567; Q4PJ15; Q9D0J6; B2R503; D3DQA2
UniProt Related Accession #	P63146
NCBI Official Full Name	Ubiquitin-conjugating enzyme E2B (RAD6 homolog)
NCBI Official Synonym Full Names	ubiquitin-conjugating enzyme E2B
NCBI Official Symbol	UBE2B
NCBI Official Synonym Symbols	HR6B; UBC2; HHR6B; RAD6B; E2-17kDa
Protein Family	Ubiquitin-conjugating enzyme
NCBI Protein Information	ubiquitin-conjugating enzyme E2 B; E2 protein; RAD6 homolog B; ubiquitin-protein ligase B; ubiquitin carrier protein B; ubiquitin-conjugating enzyme E2-17 kDa; ubiquitin-conjugating enzyme E2B (RAD6 homolog)
NCBI Summary for UBE2B	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, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is required for post-replicative DNA damage repair. Its protein sequence is 100% identical to the mouse, rat, and rabbit homologs, which indicates that this enzyme is highly conserved in eukaryotic evolution. [provided by RefSeq, Jul 2008]
Research Articles on UBE2B	**1.** UBE2B mRNA alterations are associated with severe oligozoospermia in infertile men.
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