

# UBE2B rabbit monoclonal antibody

Catalog # H00007320-K      Size 100 ug x up to 3

## Specification

|                                |  |
|--------------------------------|--|
| <b>Product Description</b>     | Rabbit monoclonal antibody raised against a human UBE2B peptide using ARM Technology.  |
| <b>Immunogen</b>               | A synthetic peptide of human UBE2B is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.  |
| <b>Host</b>                    | Rabbit   |
| <b>Library Construction</b>    | Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).   |
| <b>Expression</b>              | Overexpression vector and transfection into 293H cell line.  |
| <b>Reactivity</b>              | Human  |
| <b>Purification</b>            | Protein A  |
| <b>Isotype</b>                 | IgG  |
| <b>Quality Control Testing</b> | Antibody reactive against human UBE2B peptide by ELISA and mammalian transfected lysate by Western Blot.   |
| <b>Storage Buffer</b>          | In 1x PBS, pH 7.4  |
| <b>Storage Instruction</b>     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.   |
| <b>Deliverable</b>             | Up to three rabbit IgG clones of 100 ug each will be delivered to customer.  |
| <b>Note</b>                    | <ol style="list-style-type: none"> <li>Customer may provide cell or tissue lysate for antibody screening.</li> <li>Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab)<sub>2</sub>, IgG, scFv and different Fc and non-Fc conjugates per customer request.</li> </ol> |

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — UBE2B

|                     |  |
|---------------------|--|
| Entrez GeneID       | <a href="#">7320</a>   |
| GeneBank Accession# | <a href="#">UBE2B</a>  |
| Gene Name           | UBE2B  |
| Gene Alias          | E2-17kDa, HHR6B, HR6B, RAD6B, UBC2   |
| Gene Description    | ubiquitin-conjugating enzyme E2B (RAD6 homolog)  |
| Omim ID             | <a href="#">179095</a>   |
| Gene Ontology       | <a href="#">Hyperlink</a>  |
| Gene Summary        | <p>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]</p> |
| Other Designations  | E2 protein ubiquitin carrier protein B ubiquitin-conjugating enzyme E2B ubiquitin-protein ligase B   |

## Pathway

- [Ubiquitin mediated proteolysis](#)

## Disease

- [Azoospermia](#)
- [Genetic Predisposition to Disease](#)
- [Infertility](#)
- [Oligospermia](#)