

UBE2E1 mouse monoclonal antibody (hybridoma)

Catalog # H00007324-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant UBE2E1.
Immunogen	UBE2E1 (NP_003332.1, 1 a.a. ~ 193 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSDDDSRASTSSSSSSSSNQQTEKETNTPKKKESKVSMSKNSKLLSTSAKRIQKELADITLDP PPNCSAGPKGDNIEWRSTILGPPGSVYEGGVFFLDITFTPEYFPKPPKVTFRTRYHCNINSQGVICLDI LKDNWSPALTISKVLLSICSLLTDCNPADPLVGSIAATQYMTNRAEHDRMARQWTKRYAT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — UBE2E1

Entrez GeneID [7324](#)

GeneBank Accession# [NM_003341.3](#)

Protein Accession# [NP_003332.1](#)

Gene Name UBE2E1

Gene Alias UBCH6

Gene Description ubiquitin-conjugating enzyme E2E 1 (UBC4/5 homolog, yeast)

Omim ID [602916](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq]

Other Designations ubiquitin carrier protein E1|ubiquitin-conjugating enzyme E2E 1|ubiquitin-conjugating enzyme E2E 1 (homologous to yeast UBC4/5)|ubiquitin-protein ligase E1

Pathway

- [Ubiquitin mediated proteolysis](#)