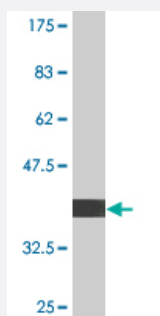


UBE4B monoclonal antibody (M02), clone 1D5

Catalog # H00010277-M02

Size 50 ug

Applications



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant UBE4B.
Immunogen	UBE4B (NP_006039, 1075 a.a. ~ 1173 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	FKLLAEKVEEIVAKNARAEIDYSAPDEFRDPLMDTLMTDPVRLPSGTIMDRSILRHLLNSPTDPF NRQTLTESMLEPVPELKEQIQAWMREKQNSDH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (97)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — UBE4B

Entrez GeneID [10277](#)

GeneBank Accession# [NM_006048](#)

Protein Accession# [NP_006039](#)

Gene Name UBE4B

Gene Alias E4, HDNB1, KIAA0684, UBOX3, UFD2

Gene Description ubiquitination factor E4B (UFD2 homolog, yeast)

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 an additional conjugation factor, E4, which is involved in multiubiquitin chain assembly. This gene is also the strongest candidate in the neuroblastoma tumor suppressor genes. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000001726|OTTHUMP00000001727|homologous to yeast UFD2|homozygously deleted in neuroblastoma-1|ubiquitin-fusion degradation protein 2|ubiquitination factor E4B|ubiquitination factor E4B (homologous to yeast UFD2)

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
- [Liver Neoplasms](#)