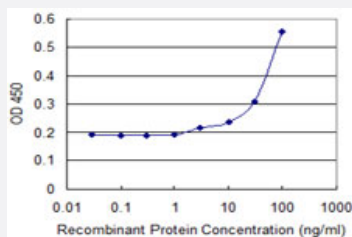


UBE2C monoclonal antibody (M12), clone 1D8

Catalog # H00011065-M12

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UBE2C is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.29 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant UBE2C.
Immunogen	UBE2C (AAH16292.1, 25 a.a. ~ 129 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GAARGPVGKRLQQELMTLMMSGDKGISAFPESDNLFKWWGTHGAAGTVYEDLRYKLSLEFPSPG YPYNAPTVMKFLTPCYHPNVDQTQGNICLDILKEKWSALYDVR
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (95); Rat (96)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.29 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](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UBE2C is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — UBE2C

Entrez GeneID	11065
GeneBank Accession#	BC016292
Protein Accession#	AAH16292.1
Gene Name	UBE2C
Gene Alias	UBCH10, dJ447F3.2
Gene Description	ubiquitin-conjugating enzyme E2C
Omim ID	605574
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. This enzyme is required for the destruction of mitotic cyclins and for cell cycle progression. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000031653|OTTHUMP00000031655|cyclin-selective ubiquitin carrier protein|mitotic-specific ubiquitin-conjugating enzyme|ubiquitin carrier protein E2-C|ubiquitin-protein ligase C

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)