

Datasheet

UBE2C monoclonal antibody (M01), clone 9D3

Catalog Number: H00011065-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant UBE2C.

Clone Name: 9D3

Immunogen: UBE2C (NP_008950, 70 a.a. ~ 179 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

AGTVYEDLRYKLSLEFSPGYPNAPT VKFLTPCYHPNV
DTQGNICLDILKEKWSALYDVRTILLSIQSLLGEPNIDSP
LNTHAAELWKNPTAFKKYLQETYSKQVTSQEP

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, IHC-P, S-ELISA, WB-Ce, WB-Re, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 11065

Gene Symbol: UBE2C

Gene Alias: UBCH10, dJ447F3.2

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]

References:

1. Ubiquitin-Conjugating Enzyme UBE2C Is Highly Expressed in Breast Microcalcification Lesions. Chou CP, Huang NC, Jhuang SJ, Pan HB, Peng NJ, Cheng JT, Chen CF, Chen JJ, Chang TH PLoS One. 2014 Apr 3;9(4):e93934. doi: 10.1371/journal.pone.0093934. eCollection 2014.
2. Oligonucleotide Microarray Identifies Genes Differentially Expressed during Tumorigenesis of DMBA-Induced Pancreatic Cancer in Rats. Guo JC, Li J, Yang YC, Zhou L, Zhang TP, Zhao YP PLoS One. 2013 Dec 23;8(12):e82910. doi: 10.1371/journal.pone.0082910.
3. UBE2C is a marker of unfavorable prognosis in bladder cancer after radical cystectomy. Morikawa T, Kawai T, Abe H, Kume H, Homma Y, Fukayama M Int J Clin Exp Pathol. 2013 Jun 15;6(7):1367-74. Print 2013.