

Datasheet

UBE2G2 monoclonal antibody (M01), clone 5E1

Catalog Number: H00007327-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant UBE2G2.

Clone Name: 5E1

Immunogen: UBE2G2 (NP_003329, 1 a.a. ~ 87 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MAGTALKRLMAEYKQLTLNPPEGIVAGPMNEENFFEW
EALIMGPEDTCTFEFGVFPAISFPLDYPLSPKMRFTC
EMFHPNIYPDGR

Host: Mouse

Reactivity: Human

Applications: ELISA, 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: 7327

Gene Symbol: UBE2G2

Gene Alias: UBC7

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. The encoded protein shares 100% sequence identity with the mouse counterpart. This gene is ubiquitously expressed, with high expression seen in adult muscle. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq]

References:

1. Ataxin-3 Deubiquitination Is Coupled to Parkin Ubiquitination via E2 Ubiquitin-conjugating Enzyme. Durcan TM, Kontogiannina M, Bedard N, Wing SS, Fon EA. J Biol Chem. 2012 Jan 2;287(1):531-41. Epub 2011 Nov 11.