

Product datasheet for **AM06691SU-N**

UBE2I Mouse Monoclonal Antibody [Clone ID: 1B10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1B10
Applications:	ELISA, FC, IF, IHC, WB
Recommended Dilution:	Western Blot: 1/500 - 1/2000. Immunohistochemistry on paraffin sections: 1/200 - 1/1000. Immunofluorescence: 1/200 - 1/1000. Flow cytometry: 1/200 - 1/400. ELISA: 1/10000.
Reactivity:	Human, Monkey
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of human UBE2I expressed in E. Coli.
Specificity:	This antibody reacts to UBE2I.
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% sodium azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	18 kDa
Gene Name:	ubiquitin conjugating enzyme E2 I
Database Link:	Entrez Gene 7329 Human P63279



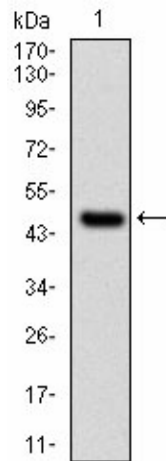
[View online »](#)

Background:

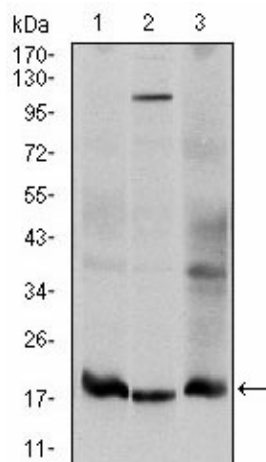
The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. Four alternatively spliced transcript variants encoding the same protein have been found for this gene.

Synonyms:

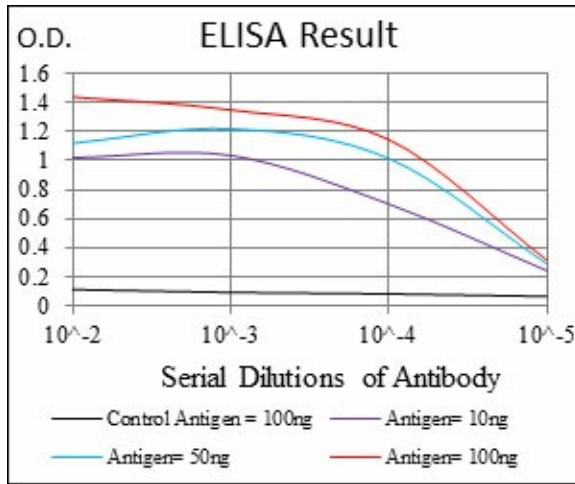
UBCE9, Ube2i, Ubce2i, SUMO-protein ligase

Product images:


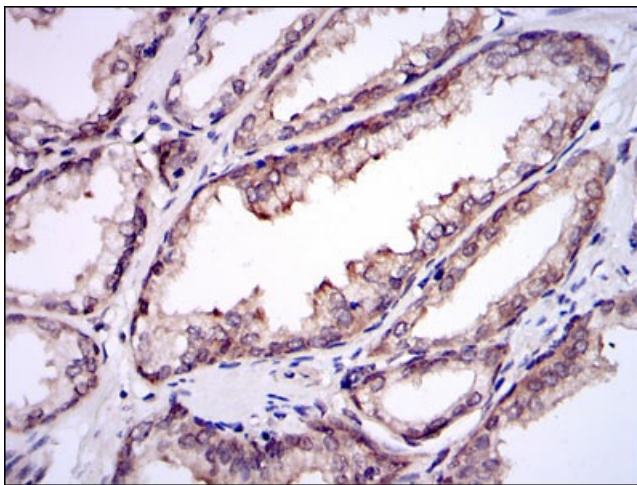
Western blot analysis using UBE2I mAb against human UBE2I (AA: 1-158) recombinant protein. (Expected MW is 45.3 kDa)



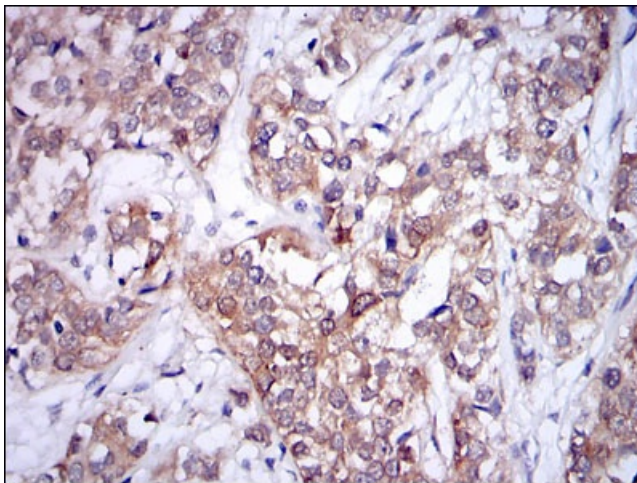
Western blot analysis using UBE2I mouse mAb against Hela (1), HepG2 (2), and Cos7 (3) cell lysate.



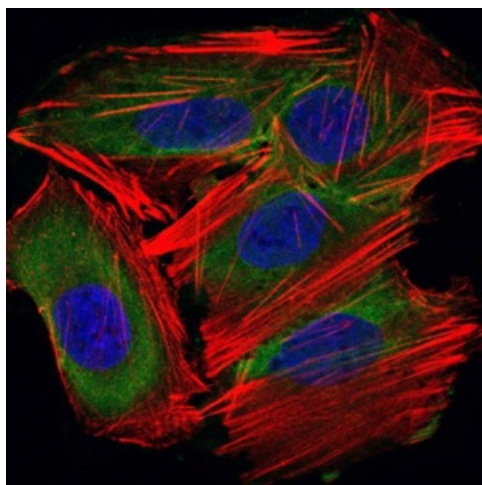
Red: Control Antigen (100ng) Purple: Antigen (10ng) Green: Antigen (50ng) Blue: Antigen (100ng)



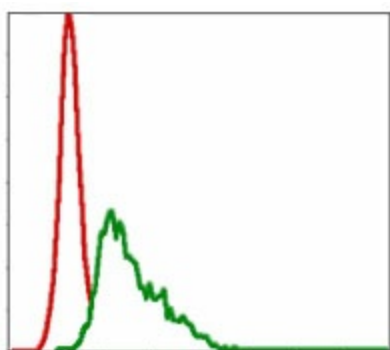
Immunohistochemical analysis of paraffin-embedded prostate tissues using UBE2I mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded bladder cancer tissues using UBE2I mouse mAb with DAB staining.



Immunofluorescence analysis of HepG2 cells using UBE2I mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of HepG2 cells using UBE2I mouse mAb (green) and negative control (red).