Product Name: **UBE2I Mouse Monoclonal Antibody**
Catalog #: **AMM81050**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,ELISA,FC
Reactivity	Human,Monkey
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS containing 0.03% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	18kDa

Antigen Information

Gene Name	UBE2I
Alternative Names	P18; UBC9; C358B7.1
Gene ID	7329.0
SwissProt ID	P63279
Immunogen	Purified recombinant fragment of human UBE2I expressed in E. Coli.

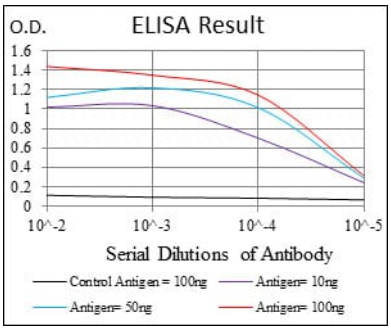
Background

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-

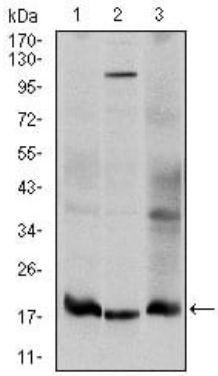
conjugating enzyme family. Four alternatively spliced transcript variants encoding the same protein have been found for this gene.

Research Area

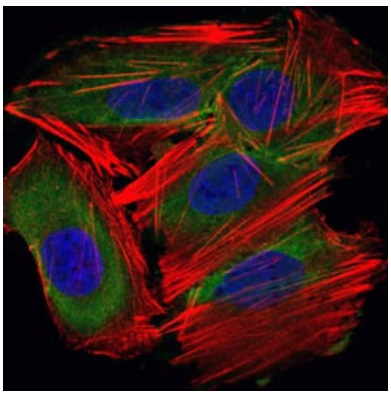
Image Data



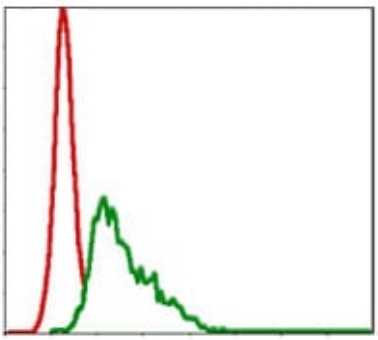
Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



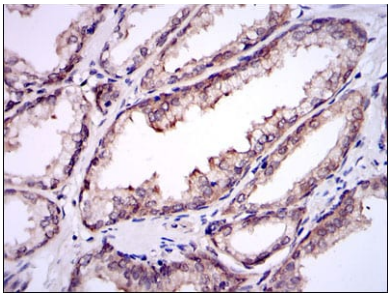
Western blot analysis using UBE2I mouse mAb against Hela (1), HepG2 (2), and Cos7 (3) cell lysate.



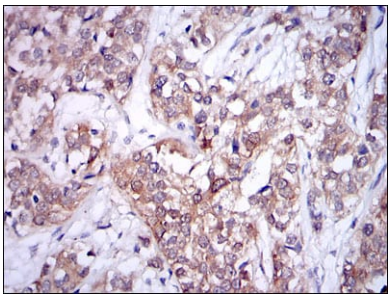
Immunofluorescence analysis of HepG2 cells using UBE2I mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



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



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



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