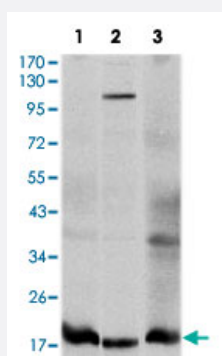


UBE2I monoclonal antibody, clone 1B10

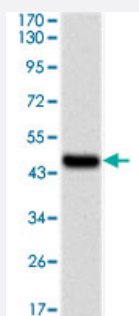
Catalog # MAB10344 Size 100 uL

Applications



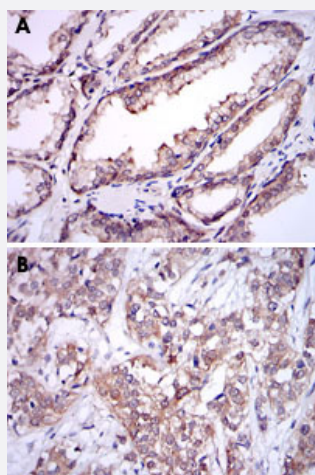
Western Blot (Cell lysate)

Western blot analysis using UBE2I monoclonal antibody, clone 1B10 (Cat # MAB10344) against HeLa (1), HepG2 (2), and COS-7 (3) cell lysate.



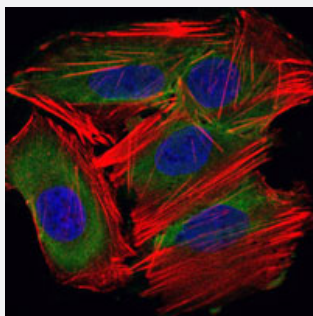
Western Blot (Recombinant protein)

Western blot analysis using UBE2I monoclonal antibody, clone 1B10 (Cat # MAB10344) against recombinant human UBE2I protein.



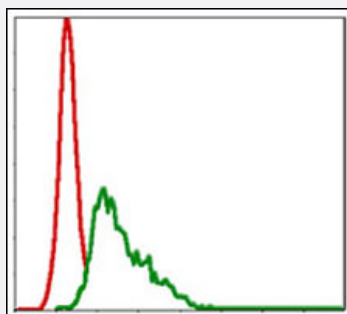
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human prostate tissue (A) and bladder cancer tissue (B) using UBE2I monoclonal antibody, clone 1B10 (Cat # MAB10344) with DAB staining.



Immunofluorescence

Immunofluorescence analysis of HepG2 cells using UBE2I monoclonal antibody, clone 1B10 (Cat # MAB10344) (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow Cytometry

Flow cytometric analysis of HepG2 cells using UBE2I monoclonal antibody, clone 1B10 (Cat # MAB10344) (green) and negative control (red).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant UBE2I.
Immunogen	Recombinant protein corresponding to human UBE2I.
Host	Mouse
Theoretical MW (kDa)	18
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry (1:200-1:1000) Immunofluorescence (1:200-1:1000) Flow cytometry (1:200-1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (0.03% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis using UBE2I monoclonal antibody, clone 1B10 (Cat # MAB10344) against HeLa (1), HepG2 (2), and COS-7 (3) cell lysate.

- Western Blot (Recombinant protein)

Western blot analysis using UBE2I monoclonal antibody, clone 1B10 (Cat # MAB10344) against recombinant human UBE2I protein.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human prostate tissue (A) and bladder cancer tissue (B) using UBE2I monoclonal antibody, clone 1B10 (Cat # MAB10344) with DAB staining.

- Immunofluorescence

Immunofluorescence analysis of HepG2 cells using UBE2I monoclonal antibody, clone 1B10 (Cat # MAB10344) (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

Flow cytometric analysis of HepG2 cells using UBE2I monoclonal antibody, clone 1B10 (Cat # MAB10344) (green) and negative control (red).

Gene Info — UBE2I

Entrez GeneID[7329](#)**Gene Name**

UBE2I

Gene Alias

C358B7.1, P18, UBC9

Gene Description

ubiquitin-conjugating enzyme E2I (UBC9 homolog, yeast)

Omim ID[601661](#)**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. Four alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Other Designations

SUMO-1-protein ligase|ubiquitin carrier protein|ubiquitin conjugating enzyme 9|ubiquitin-conjugating enzyme E2|ubiquitin-conjugating enzyme E2I (homologous to yeast UBC9)|ubiquitin-conjugating enzyme UbcE2A|ubiquitin-like protein SUMO-1 conjugating enzyme

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Alzheimer Disease](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Lymphatic Metastasis](#)