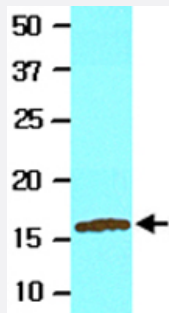


UBE2L6 monoclonal antibody, clone k1H3

Catalog # MAB2049

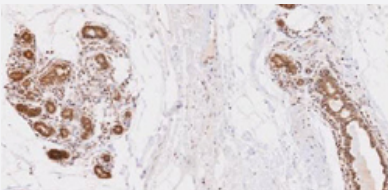
Size 100 uL

Applications



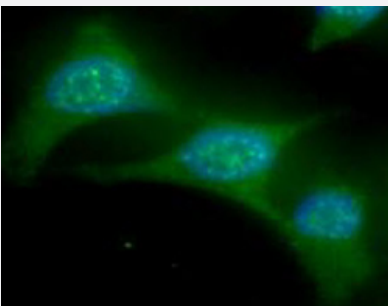
Western Blot (Cell lysate)

Western blot analysis of MCF7 cell lysate.



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

Immunohistochemistry of human breast lobule tissue were incubated with UBE2L6 monoclonal antibody, clone k1H3 (1:50) for 2 hours at room temperature. Antigen retrieval was performed in 0.1 M sodium citrate buffer and detected using Diaminobenzidine (DAB).



Immunofluorescence

Immunofluorescence analysis of HeLa cells. The cell was stained with UBE2L6 monoclonal antibody, clone k1H3 (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).

Specification

Product Description

Mouse monoclonal antibody raised against partial recombinant UBE2L6.

Immunogen

Recombinant protein corresponding to amino acids 1-152 of human UBE2L6.

Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Isotype	IgG2b, kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	ELISA Immunocytochemistry Immunofluorescence Immunohistochemistry Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (10% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°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 of MCF7 cell lysate.

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

Immunohistochemistry of human breast lobule tissue were incubated with UBE2L6 monoclonal antibody, clone k1H3 (1:50) for 2 hours at room temperature. Antigen retrieval was performed in 0.1 M sodium citrate buffer and detected using Diaminobenzidine (DAB).

- Immunocytochemistry

- Immunofluorescence

Immunofluorescence analysis of HeLa cells. The cell was stained with UBE2L6 monoclonal antibody, clone k1H3 (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — UBE2L6

Entrez GeneID [9246](#)

Protein Accession# [NP_004214](#)

Gene Name UBE2L6

Gene Alias MGC40331, RIG-B, UBCH8

Gene Description ubiquitin-conjugating enzyme E2L 6

Omim ID [603890](#)

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 (E1s), ubiquitin-conjugating enzymes (E2s) and ubiquitin-protein ligases (E3s). This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is highly similar in primary structure to the enzyme encoded by UBE2L3 gene. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq]

Other Designations retinoic acid induced gene B protein|ubiquitin carrier protein|ubiquitin-protein ligase

Publication Reference

- [Genomic organization of the human ubiquitin-conjugating enzyme gene, UBE2L6 on chromosome 11q12.](#)

Ardley HC, Rose SA, Tan N, Leek JP, Markham AF, Robinson PA.
Cytogenetics and Cell Genetics 2000 Feb; 89(1-2):137.
- [The ubiquitin-conjugating enzymes Ubch7 and Ubch8 interact with RING finger/IBR motif-containing domains of HHARI and H7-AP1.](#)

Moynihan TP, Ardley HC, Nuber U, Rose SA, Jones PF, Markham AF, Scheffner M, Robinson PA.
The Journal of Biological Chemistry 1999 Oct; 274(43):30963.
- [Physical interaction between specific E2 and Hect E3 enzymes determines functional cooperativity.](#)

Kumar S, Kao WH, Howley PM.
The Journal of Biological Chemistry 1997 May; 272(21):13548.

Pathway

- [Ubiquitin mediated proteolysis](#)