

KD-Validated Anti-UBE2Z Mouse Monoclonal Antibody

Mouse monoclonal antibody Catalog # AGI2182

Specification

KD-Validated Anti-UBE2Z Mouse Monoclonal Antibody - Product Information

Application WB, FC Primary Accession Q9H832

Reactivity
Clonality
Monoclonal
Isotype
Mouse IgG2b

Calculated MW Predicted, 38kDa, observed, 38 kDa KDa

Gene Name UBE2Z

Aliases

UBE2Z; Ubiquitin Conjugating Enzyme E2
Z; USE1; Uba6-Specific E2 Conjugating
Enzyme 1: Ubiquitin-Conjugating Enzyme

Enzyme 1; Ubiquitin-Conjugating Enzyme E2 Z; E2 Ubiquitin-Conjugating Enzyme Z;

Ubiquitin Carrier Protein Z;

Ubiquitin-Protein Ligase Z; UBA6-Specific

Enzyme E2; FLJ13855;

Ubiquitin-Conjugating Enzyme E2Z; Ubiquitin Conjugating Enzyme E2Z; EC 2.3.2.23; EC 6.3.2.19; HOYS7; Use1 Recombinant protein of human UBE2Z

Immunogen

KD-Validated Anti-UBE2Z Mouse Monoclonal Antibody - Additional Information

Gene ID **65264**

Other Names

Ubiquitin-conjugating enzyme E2 Z, 2.3.2.23, E2 ubiquitin-conjugating enzyme Z, Uba6-specific E2 conjugating enzyme 1, Use1, Ubiquitin carrier protein Z, Ubiquitin-protein ligase Z, UBE2Z

KD-Validated Anti-UBE2Z Mouse Monoclonal Antibody - Protein Information

Name UBE2Z

Function

Catalyzes the covalent attachment of ubiquitin to other proteins (By similarity). Specific substrate for UBA6, not charged with ubiquitin by UBE1. May be involved in apoptosis regulation.

Cellular Location Cytoplasm. Nucleus

Tissue Location

Widely expressed. Highly in placenta, pancreas, spleen and testis.

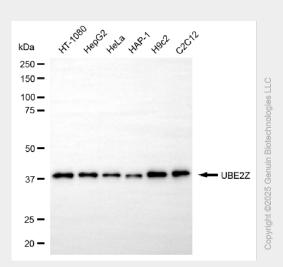


KD-Validated Anti-UBE2Z Mouse Monoclonal Antibody - Protocols

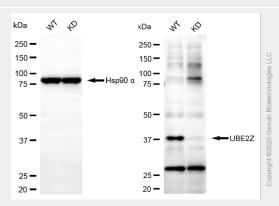
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

KD-Validated Anti-UBE2Z Mouse Monoclonal Antibody - Images

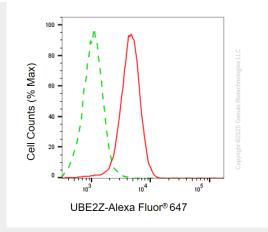


Western blotting analysis using anti-UBE2Z antibody (Cat#AGI2182). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-UBE2Z antibody (Cat#AGI2182, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-UBE2Z antibody (Cat#AGI2182). UBE2Z expression in wild-type (WT) and UBE2Z shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-UBE2Z antibody (Cat#AGI2182, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.





Flow cytometric analysis of UBE2Z expression in HepG2 cells using anti-UBE2Z antibody (Cat#AGI2182, 1:1,000). Green, isotype control; red, UBE2Z.