

Product Name: KD-Validated UBR5 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA00845**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 309.4kDa

Antigen Information

Gene Name	UBR5 UBR5; Ubiquitin Protein Ligase E3 Component N-Recognin 5; HYD; EDD; KIAA0896; EDD1; DD5; E3 Ubiquitin-Protein Ligase, HECT Domain-Containing 1; HECT-Type E3 Ubiquitin
Alternative Names	Transferase UBR5; Hyperplastic Discs Protein Homolog; E3 Ubiquitin-Protein Ligase UBR5; Progesterone-Induced Protein; E3 Ubiquitin Protein Ligase, HECT Domain Containing, 1; E3 Identified By Differential Display; EC 2.3.2.26; EC 6.3.2; HHYD
Gene ID	51366.0
SwissProt ID	O95071
Immunogen	A synthesized peptide derived from human EDD

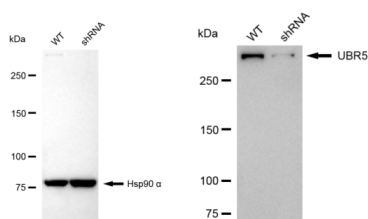
Background

This gene encodes a progesterin-induced protein, which belongs to the HECT (homology to E6-AP carboxyl terminus) family. The HECT family proteins function as E3 ubiquitin-protein ligases, targeting specific proteins for ubiquitin-mediated proteolysis. This gene is localized to chromosome 8q22 which is disrupted in a variety of cancers. This gene potentially has a role in regulation of cell proliferation or differentiation. [provided by RefSeq, Jul 2008]

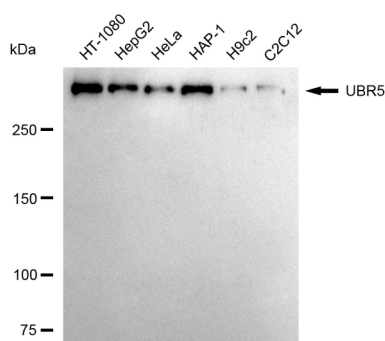
Research Area

Cell Biology, Epigenetics and Nuclear Signaling

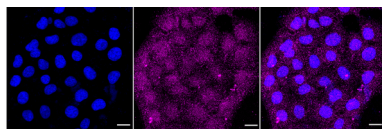
Image Data



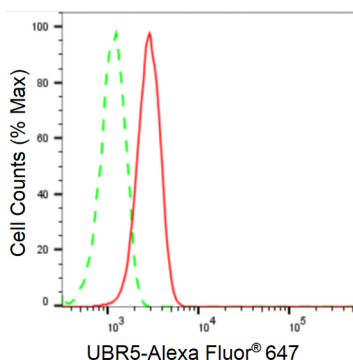
Western blotting analysis using UBR5 antibody (KVA00845). UBR5 expression in wild type (WT) and UBR5 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with UBR5 antibody (KVA00845, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using UBR5 antibody (KVA00845). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with UBR5 antibody (KVA00845, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HT-1080 cells with UBR5 antibody (KVA00845, 1:1,000). Nuclei were stained blue with DAPI; UBR5 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser intensity and smart gain: Medium. Scale bar: 20 µm.



Flow cytometric analysis of UBR5 expression in HT-1080 cells using UBR5 antibody (KVA00845, 1:2,000). Green, isotype control; red, UBR5.