

Product Name: KD-Validated MIB1 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA00379**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM
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
Molecular Weight	Calculated MW: 110.1kDa

Antigen Information

Gene Name	MIB1 MIB1; MIB E3 Ubiquitin Protein Ligase 1; ZZANK2; DIP-1; DAPK-Interacting Protein 1; KIAA1323; ZZZ6; MIB; Zinc Finger ZZ Type With Ankyrin Repeat Domain Protein; RING-Type
Alternative Names	E3 Ubiquitin Transferase MIB1; E3 Ubiquitin-Protein Ligase MIB1; DIP1; Mindbomb E3 Ubiquitin Protein Ligase 1; Mindbomb Homolog 1 (Drosophila); Ubiquitin Ligase Mind Bomb; Mind Bomb Homolog 1; EC 2.3.2.27; EC 6.3.2; LVNC7
Gene ID	57534.0
SwissProt ID	Q86YT6
Immunogen	A synthesized peptide derived from human MIB1

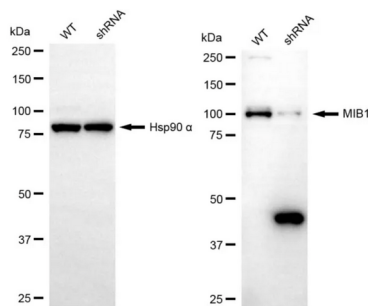
Background

This gene encodes a protein containing multiple ankyrin repeats and RING finger domains that functions as an E3 ubiquitin ligase. The encoded protein positively regulates Notch signaling by ubiquitinating the Notch receptors, thereby facilitating their endocytosis. This protein may also promote the ubiquitination and degradation of death-associated protein kinase 1 (DAPK1). [provided by RefSeq, Jun 2013]

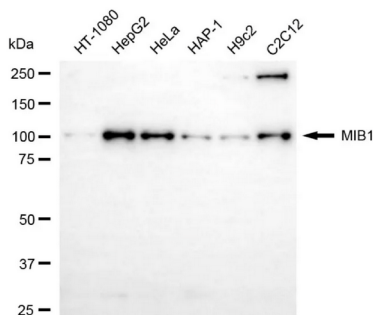
Research Area

Stem Cells

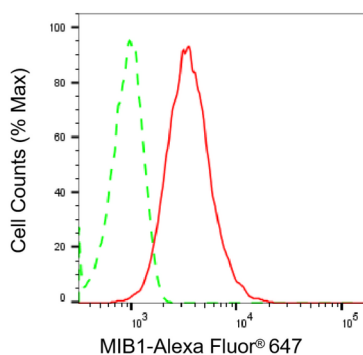
Image Data



Western blotting analysis using MIB1 antibody (KVA00379). MIB1 expression in wild-type (WT) and MIB1 shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with MIB1 antibody (KVA00379, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using MIB1 antibody (KVA00379). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with MIB1 antibody (KVA00379, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Flow cytometric analysis of MIB1 expression in HepG2 cells using MIB1 antibody (KVA00379, 1:2,000). Green, isotype control; red, MIB1.