

Product Name: MIB1 Mouse Monoclonal Antibody**Catalog #: AMM81758**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA,FC
Reactivity	Human,Monkey
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	110kDa

Antigen Information

Gene Name	MIB1
Alternative Names	MIB; DIP1; ZZZ6; DIP-1; LVNC7; ZZANK2
Gene ID	57534.0
SwissProt ID	Q86YT6
Immunogen	Purified recombinant fragment of human MIB1 (AA: 6-221) expressed in E. Coli.

Background

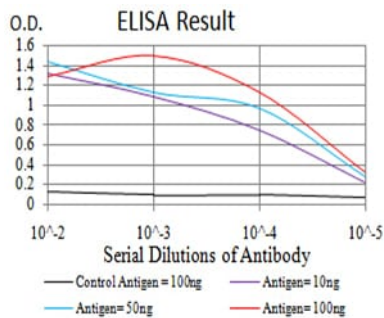
This gene encodes a protein containing multiple ankyrin repeats and RING finger domains that functions as an E3 ubiquitin ligase. The encoded protein positively regulates Notch signaling by ubiquitinating the Notch receptors, thereby facilitating their endocytosis. This protein may also promote the ubiquitination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

(DAPK1).

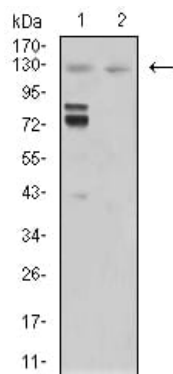
Research Area

Notch signaling pathway

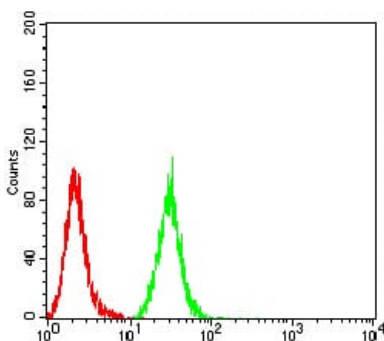
Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using MIB1 mouse mAb against HeLa (1) and COS7 (2) cell lysate.



Flow cytometric analysis of HeLa cells using MIB1 mouse mAb (green) and negative control (red).