
Product Name: KD-Validated MAPRE2 Mouse Monoclonal Antibody**Catalog #: KVA00435**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Mouse 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 1:500-1:2,500; FC 1:100-1:1,000
Molecular Weight	Calculated MW: 37.0kDa

Antigen Information

Gene Name	MAPRE2
Alternative Names	MAPRE2; Microtubule Associated Protein RP/EB Family Member 2; RP1; EB2; EB1; Microtubule-Associated Protein RP/EB Family Member 2; APC-Binding Protein EB1; APC-Binding Protein EB2; End-Binding Protein 2; T-Cell Activation Protein, EB1 Family; CSCSC2
Gene ID	10982.0
SwissProt ID	Q15555
Immunogen	Recombinant protein of human MAPRE2

Background

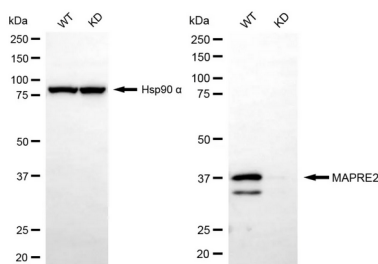
The protein encoded by this gene shares significant homology to the adenomatous polyposis coli (APC) protein-binding EB1 gene family. This protein is a microtubule-associated protein that is necessary for spindle symmetry during mitosis. It is thought

to play a role in the tumorigenesis of colorectal cancers and the proliferative control of normal cells. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2012]

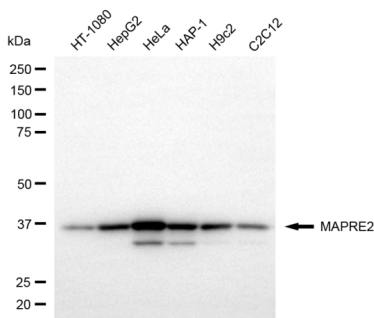
Research Area

Cell Biology

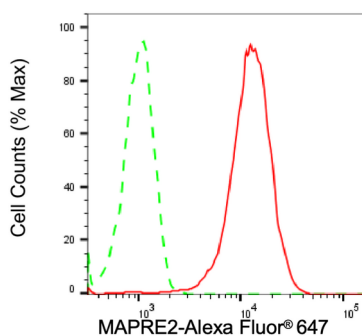
Image Data



Western blotting analysis using MAPRE2 antibody (KVAb00435). MAPRE2 expression in wild-type (WT) and MAPRE2 knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with MAPRE2 antibody (KVAb00435, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using MAPRE2 antibody (KVAb00435). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with MAPRE2 antibody (KVAb00435, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Flow cytometric analysis of MAPRE2 expression in HeLa cells using MAPRE2 antibody (KVAb00435, 1:1,000). Green, isotype control; red, MAPRE2.