

Product Name: KD-Validated MMAB Mouse Monoclonal Antibody**Catalog #: KVA00438**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM
Reactivity	Human
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: 27.4kDa

Antigen Information

Gene Name	MMAB MMAB; Metabolism Of Cobalamin Associated B; CFAP23; CblB; Methylmalonic Aciduria (Cobalamin Deficiency) CblB Type; ATP:Co(I)Rrinoide Adenosyltransferase MMAB; Cilia And Flagella Associated Protein 23; Methylmalonic Aciduria Type B Protein; ATP:Cob(II)Alamin Adenosyltransferase; Corrinoid Adenosyltransferase MMAB; Cob(II)Yrinoic Acid A,C-Diamide
Alternative Names	Adenosyltransferase, Mitochondrial; Methylmalonic Aciduria (Cobalamin Deficiency) Type B; Cob(II)Yrinoic Acid A,C-Diamide Adenosyltransferase; Aquocob(II)Alamin Vitamin B12s Adenosyltransferase; Cobinamide/Cobalamin Adenosyltransferase; ATP:Corrinoid Adenosyltransferase; Cob(II)Alamin Adenosyltransferase; Corrinoid Adenosyltransferase; EC 2.5.1.-; ATR; Cob
Gene ID	326625.0

SwissProt ID Q96EY8
Immunogen Recombinant protein of human MMAB

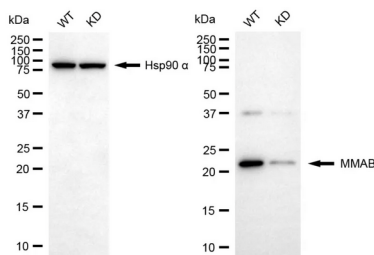
Background

This gene encodes a protein that catalyzes the final step in the conversion of vitamin B(12) into adenosylcobalamin (AdoCbl), a vitamin B12-containing coenzyme for methylmalonyl-CoA mutase. Mutations in the gene are the cause of vitamin B12-dependent methylmalonic aciduria linked to the cblB complementation group. Alternatively spliced transcript variants have been found. [provided by RefSeq, Apr 2011]

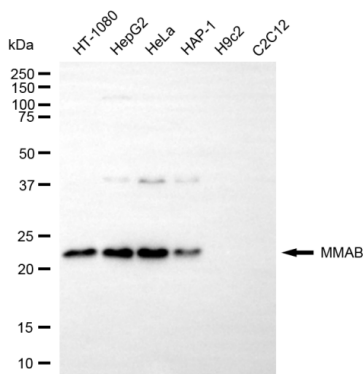
Research Area

Developmental Biology

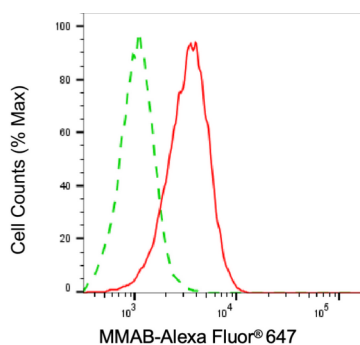
Image Data



Western blotting analysis using MMAB antibody (KVA00438). MMAB expression in wild-type (WT) and MMAB knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with MMAB antibody (KVA00438, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using MMAB antibody (KVA00438). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with MMAB antibody (KVA00438, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Flow cytometric analysis of MMAB expression in HepG2 cells using MMAB antibody (KVA00438, 1:1,000). Green, isotype control; red, MMAB.