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KD-Validated Anti-MMAB Mouse Monoclonal Antibody

Mouse monoclonal Antibody
Catalog # AGI2160

Product Information

Application	WB
Primary Accession	Q96EY8
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2a
Clone Names	24GB13950
Calculated MW	27388
Gene Name	MMAB
Aliases	MMAB; Metabolism Of Cobalamin Associated B; CFAP23; CblB; Methylmalonic Aciduria (Cobalamin Deficiency) CblB Type; ATP:Co(I)Rrinoid Adenosyltransferase MMAB; Cilia And Flagella Associated Protein 23; Methylmalonic Aciduria Type B Protein; ATP:Cob(I)Alamin Adenosyltransferase; Corrinoid Adenosyltransferase MMAB; Cob(I)Yrinic Acid A,C-Diamide Adenosyltransferase, Mitochondrial; Methylmalonic Aciduria (Cobalamin Deficiency) Type B; Cob(II)Yrinic Acid A,C-Diamide Adenosyltransferase; Aquocob(I)Alamin Vitamin B12s Adenosyltransferase; Cobinamide/Cobalamin Adenosyltransferase; ATP:Corrinoid Adenosyltransferase; Cob(II)Alamin Adenosyltransferase; Corrinoid Adenosyltransferase; EC 2.5.1.-; ATR; Cob
Immunogen	Recombinant protein of human MMAB

Additional Information

Gene ID	326625
Other Names	Corrinoid adenosyltransferase MMAB, 2.5.1.-, ATP:co(I)rrinoid adenosyltransferase MMAB, Methylmalonic aciduria type B protein, MMAB (HGNC:19331)

Protein Information

Name	MMAB (HGNC:19331)
Function	Converts cob(I)alamin to adenosylcobalamin (adenosylcob(III)alamin), a coenzyme for methylmalonyl-CoA mutase, therefore participates in the final step of the vitamin B12 conversion (PubMed:12514191). Generates adenosylcobalamin (AdoCbl) and directly delivers the cofactor to MUT in a transfer that is stimulated by ATP- binding to MMAB and gated by MMAA (Probable).
Cellular Location	Mitochondrion.

Tissue Location	Expressed in liver and skeletal muscle.