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**Product Name: Methylmalonyl Coenzyme A mutase Rabbit Monoclonal Antibody**  
**Catalog #: AMRe87780**

For research use only.

## Summary

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.5mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

## Application

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:50-1:100,ICC/IF 1:100-1:200
<b>Molecular Weight</b>	Calculated MW:83 kDa; Observed MW:83 kDa

## Antigen Information

<b>Gene Name</b>	Methylmalonyl Coenzyme A mutase
<b>Alternative Names</b>	MCM
<b>Gene ID</b>	4594
<b>SwissProt ID</b>	P22033
<b>Immunogen</b>	A synthetic peptide of human Methylmalonyl Coenzyme A mutase

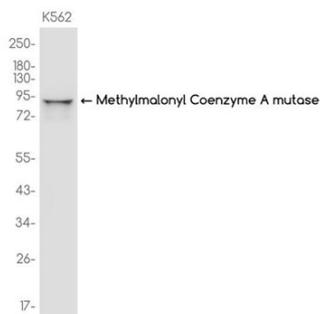
## Background

This gene encodes the mitochondrial enzyme methylmalonyl Coenzyme A mutase. In humans, the product of this gene is a vitamin B12-dependent enzyme which catalyzes the isomerization of methylmalonyl-CoA to succinyl-CoA, while in other

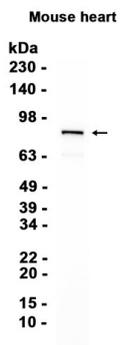
species this enzyme may have different functions. Mutations in this gene may lead to various types of methylmalonic aciduria.  
[provided by RefSeq, Jul 2008]

## Research Area

## Image Data



Western blot analysis of extracts from K562 cells using Methylmalonyl Coenzyme A mutase Rabbit Monoclonal Antibody at 1:1000.



Western blot analysis of extracts from Mouse heart tissue using AMRe87780 at 1:1000.