

KD-Validated Anti-Methylmalonyl-CoA mutase Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1453

Product Information

Application	WB, ICC
Primary Accession	P22033
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB4550
Calculated MW	83134
Gene Name	MMUT
Aliases	MMUT; Methylmalonyl-CoA Mutase; MCM; MUT; Methylmalonyl-CoA Mutase, Mitochondrial; Methylmalonyl Coenzyme A Mutase; Methylmalonyl-CoA Isomerase; EC 5.4.99.2; Methylmalonyl-CoA Mutase Variant C.613_615delGAA; Methylmalonyl-CoA Mutase Variant C.1495G>A; Methylmalonyl-CoA Mutase Variant C.2011A>G; Methylmalonyl-CoA Mutase Variant C.2150G>T; Methylmalonyl-CoA Mutase Variant C.322C>T; Methylmalonyl-CoA Mutase Variant C.636G>A; Methylmalonyl-CoA Mutase Variant C.643G>A; Methylmalonyl-CoA Mutase C.*192delA; Methylmalonyl-CoA Mutase C.*51C>G; Mutant Methylmalonyl CoA Mutase
Immunogen	A synthesized peptide derived from human MUTA

Additional Information

Gene ID	4594
Other Names	Methylmalonyl-CoA mutase, mitochondrial, MCM, 5.4.99.2, Methylmalonyl-CoA isomerase, MMUT (HGNC:7526)

Protein Information

Name	MMUT (HGNC:7526)
Function	Catalyzes the reversible isomerization of methylmalonyl-CoA (MMCoA) (generated from branched-chain amino acid metabolism and degradation of dietary odd chain fatty acids and cholesterol) to succinyl-CoA (3-carboxypropionyl-CoA), a key intermediate of the tricarboxylic acid cycle.
Cellular Location	Mitochondrion matrix. Mitochondrion. Cytoplasm