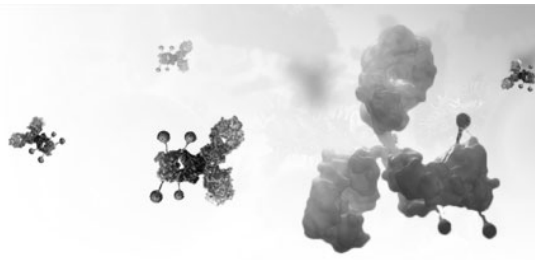

Anti-MUT monoclonal antibody, clone FQS8840 (DCABH-2854)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to Methylmalonyl Coenzyme A mutase
Antigen Description	Involved in the degradation of several amino acids, odd-chain fatty acids and cholesterol via propionyl-CoA to the tricarboxylic acid cycle. MCM has different functions in other species.
Immunogen	Synthetic peptide corresponding to a region within Human Methylmalonyl Coenzyme A mutase. (P22033).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Clone	FQS8840
Purity	Tissue culture supernatant
Conjugate	Unconjugated
Applications	WB, IHC-P, ICC/IF
Positive Control	NIH 3T3 cell lysate, K562 cell lysate, 293T cell lysate, HeLa cells and cell lysate, Human fetal liver lysate, Human kidney tissue
Format	Liquid
Size	100 µl
Buffer	pH: 7.20; Preservative: 0.01% Sodium azide; Constituents: 48% PBS, 50% Glycerol, 0.05% BSA

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Tel: 1-631-624-4882 Fax: 1-631-938-8221

Storage	Store at -20°C. Stable for 12 months at -20°C

GENE INFORMATION

Gene Name	MUT methylmalonyl CoA mutase [Homo sapiens]
Official Symbol	MUT
Synonyms	MUT; methylmalonyl CoA mutase; methylmalonyl Coenzyme A mutase; methylmalonyl-CoA mutase, mitochondrial; methylmalonyl-CoA isomerase; MCM;
Entrez Gene ID	4594
Protein Refseq	NP_000246
UniProt ID	A0A024RD82
Chromosome Location	6p21
Pathway	2-oxobutanoate degradation I, organism-specific biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Glyoxylate and dicarboxylate metabolism, organism-specific biosystem; Glyoxylate and dicarboxylate metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem;
Function	cobalamin binding; isomerase activity; metal ion binding; methylmalonyl-CoA mutase activity; modified amino acid binding;

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