



Mouse anti-Human MCCC2 monoclonal antibody, clone 3C4 (CABT-B9469)

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

PRODUCT INFORMATION

Immunogen	MCCC2 (NP_071415, 456 a.a. ~ 563 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	Human
Clone	3C4
Purification	Affinity chromatography
Conjugate	Unconjugated
Applications	ELISA, IHC-PFA, WB
Format	Liquid
Concentration	0.2-1.0 mg/ml
Size	100 µg
Buffer	PBS, pH 7.4
Preservative	no preservative
Storage	-20°C, Avoid Freeze/Thaw Cycles

BACKGROUND

Introduction

This gene encodes the small subunit of 3-methylcrotonyl-CoA carboxylase. This enzyme functions as a heterodimer and catalyzes the carboxylation of 3-methylcrotonyl-CoA to form 3-methylglutaconyl-CoA. Mutations in this gene are associated with 3-Methylcrotonylglycinuria, an autosomal recessive disorder of leucine catabolism. [provided by RefSeq, Jul 2008]

Keywords

MCCC2; methylcrotonoyl-CoA carboxylase 2 (beta); MCCB; methylcrotonoyl-CoA carboxylase beta chain, mitochondrial; biotin carboxylase; MCCase subunit beta; 3-methylcrotonyl-CoA carboxylase 2; methylcrotonoyl-Coenzyme A carboxylase 2 (beta); 3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta; 3-methylcrotonyl-CoA carboxylase non-biotin-containing subunit; non-biotin containing subunit of 3-methylcrotonyl-CoA carboxylase;

GENE INFORMATION

Entrez Gene ID

[64087](#)

UniProt ID

[Q9HCC0](#)