



# 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

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

## BACKGROUND

<b>Introduction</b>	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]
<b>Keywords</b>	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

<b>Entrez Gene ID</b>	<a href="#">64087</a>
<b>UniProt ID</b>	<a href="#">Q9HCC0</a>