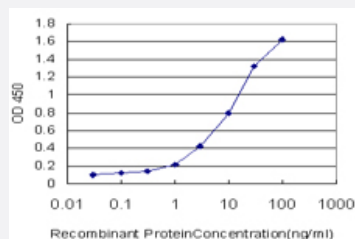


# MCCC1 monoclonal antibody (M01), clone 2G8

Catalog # H00056922-M01

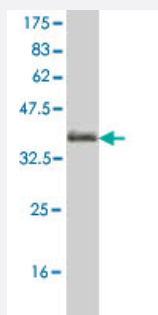
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MCCC1 is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant MCCC1.
<b>Immunogen</b>	MCCC1 (NP_064551, 526 a.a. ~ 625 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	FTLQAHDQFSPFSSSSGRRLNISYTRNMTLKDGNVAVIAVTYNHDGSYSMQIEDKTFQVLGNLYS EGDCTYLKCSVNGVASKAKLIILENTYLFSEK
<b>Host</b>	Mouse
<b>Reactivity</b>	Human

Interspecies Antigen Sequence	Mouse (84); Rat (84)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MCCC1 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — MCCC1

Entrez GeneID	<a href="#">56922</a>
GeneBank Accession#	<a href="#">NM_020166</a>
Protein Accession#	<a href="#">NP_064551</a>
Gene Name	MCCC1
Gene Alias	DKFZp686B20267, FLJ25545, MCC-B, MCCA
Gene Description	methylcrotonoyl-Coenzyme A carboxylase 1 (alpha)
Omim ID	<a href="#">210200 609010</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

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

**Other Designations**

3-methylcrotonyl-CoA carboxylase biotin-containing subunit|3-methylcrotonyl-CoA:carbon dioxide ligase subunit alpha

## Pathway

- [Metabolic pathways](#)
- [Valine](#)

## Disease

- [Tobacco Use Disorder](#)