

**MCCC2 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6924c****Specification**

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**MCCC2 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [O9HCC0](#)**MCCC2 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 64087**Other Names**

Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial, MCCase subunit beta, 3-methylcrotonyl-CoA carboxylase 2, 3-methylcrotonyl-CoA carboxylase non-biotin-containing subunit, 3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta, MCCC2, MCCB

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6924c](/products/AP6924c) was selected from the Center region of human MCCC2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**MCCC2 Antibody (Center) Blocking Peptide - Protein Information****Name** MCCC2**Synonyms** MCCB**Function**

Carboxyltransferase subunit of the 3-methylcrotonyl-CoA carboxylase, an enzyme that catalyzes the conversion of 3-methylcrotonyl-CoA to 3-methylglutaconyl-CoA, a critical step for leucine and isovaleric acid catabolism.

**Cellular Location**

Mitochondrion matrix

**MCCC2 Antibody (Center) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**MCCC2 Antibody (Center) Blocking Peptide - Images****MCCC2 Antibody (Center) Blocking Peptide - Background**

MCCC2 is 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.

**MCCC2 Antibody (Center) Blocking Peptide - References**

Uematsu,M., et.al., J. Hum. Genet. 52 (12), 1040-1043 (2007)