

**MDH2 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP2909c****Specification**

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**MDH2 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [P40926](#)**MDH2 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 4191**Other Names**

Malate dehydrogenase, mitochondrial, MDH2

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP2909c](/products/AP2909c) was selected from the Center region of human MDH2. 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.

**MDH2 Antibody (Center) Blocking Peptide - Protein Information****Name** MDH2**Cellular Location**

Mitochondrion matrix {ECO:0000250|UniProtKB:P04636}

**MDH2 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**MDH2 Antibody (Center) Blocking Peptide - Images****MDH2 Antibody (Center) Blocking Peptide - Background**

MDH2 is localized to the mitochondria and may play pivotal roles in the malate-aspartate shuttle that operates in the metabolic coordination between cytosol and mitochondria.

#### **MDH2 Antibody (Center) Blocking Peptide - References**

Rzem, R., et.al., J. Inherit. Metab. Dis. 30 (5), 681-689 (2007)