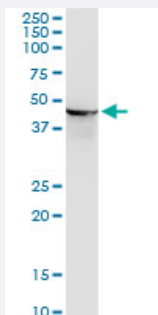


# ENO1 monoclonal antibody (M10), clone 9E4

Catalog # H00002023-M10

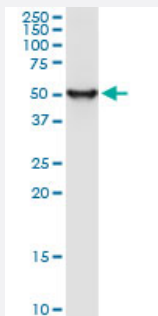
Size 100 ug

## Applications



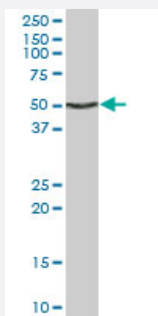
### Western Blot (Tissue lysate)

ENO1 monoclonal antibody (M10), clone 9E4. Western Blot analysis of ENO1 expression in human colon.



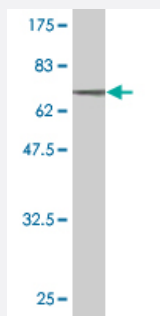
### Western Blot (Cell lysate)

ENO1 monoclonal antibody (M10), clone 9E4. Western Blot analysis of ENO1 expression in MCF-7.



### Western Blot (Cell lysate)

ENO1 monoclonal antibody (M10), clone 9E4. Western Blot analysis of ENO1 expression in HepG2 ( Cat # L019V1 ).



Western Blot detection against Immunogen (73.48 KDa) .

## Specification

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | Mouse monoclonal antibody raised against a full-length recombinant ENO1.                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Immunogen</b>               | ENO1 (AAH22545, 1 a.a. ~ 434 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.                                                                                                                                                                                                                                                                                                                                                   |
| <b>Sequence</b>                | MSILKIHAREIFDSRGNPTVEVDLFTSKGLFRAAVPSGASTGIYEALERDNDKTRYMGKGVSKAV<br>EHINKTIAPALVSKKLVNTEQEKIDKLMIMDGTENKSKFGANAILGVSLAVCKAGAVEKGVPLYRHI<br>ADLAGNSEVILPVPAFNVINGGSHAGNKLAMQEFMILPVGAANFREAMRIGAEVYHNLKNVIKEY<br>GKDATNVGDEGGFAPNILENKEGLELLKTAIGKAGYTDKVVIGMDVAASEFFRSGKYDLDFKSPD<br>DPSRYSPDQLADLYKSFIDYPVVSIEDPFDQDDWGAWQKFTASAGIQVVGDDLTVTNPKRIAKA<br>VNEKSCNCLLLKVNQIGSVTESLQACKLAQANGWGMVSHRSGETEDTFIADLVVGLCTGQIKTG<br>APCRSERLAKYNQLLRIEEELGSKAKFAGRNFRNPLAK |
| <b>Host</b>                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Reactivity</b>              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Isotype</b>                 | IgG1 Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Quality Control Testing</b> | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (73.48 KDa) .                                                                                                                                                                                                                                                                                                                                                             |
| <b>Storage Buffer</b>          | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Storage Instruction</b>     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                             |

## Applications

- Western Blot (Tissue lysate)

ENO1 monoclonal antibody (M10), clone 9E4. Western Blot analysis of ENO1 expression in human colon.

[Protocol Download](#)

- Western Blot (Cell lysate)

ENO1 monoclonal antibody (M10), clone 9E4. Western Blot analysis of ENO1 expression in MCF-7.

[Protocol Download](#)

- Western Blot (Cell lysate)

ENO1 monoclonal antibody (M10), clone 9E4. Western Blot analysis of ENO1 expression in HepG2 ( Cat # L019V1 ).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — ENO1

Entrez GeneID [2023](#)

GeneBank Accession# [BC022545](#)

Protein Accession# [AAH22545](#)

Gene Name ENO1

Gene Alias ENO1L1, MBP-1, MPB1, NNE, PPH

Gene Description enolase 1, (alpha)

Omim ID [172430](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes one of three enolase isoenzymes found in mammals; it encodes alpha-enolase, a homodimeric soluble enzyme, and also encodes a shorter monomeric structural lens protein, tau-crystallin. The two proteins are made from the same message. The full length protein, the isoenzyme, is found in the cytoplasm. The shorter protein is produced from an alternative translation start, is localized to the nucleus, and has been found to bind to an element in the c-myc promoter. A pseudogene has been identified that is located on the other arm of the same chromosome. [provided by RefSeq]

**Other Designations** 2-phospho-D-glycerate hydro-lyase|MYC promoter-binding protein 1|OTTHUMP00000001706|alpha enolase like 1|enolase 1|non-neural enolase|phosphopyruvate hydratase|tau-crystallin

## Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [Biosynthesis of alkaloids derived from shikimate pathway](#)
- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Biosynthesis of phenylpropanoids](#)
- [Biosynthesis of plant hormones](#)
- [Biosynthesis of terpenoids and steroids](#)
- [Glycolysis / Gluconeogenesis](#)
- [Metabolic pathways](#)
- [RNA degradation](#)

## Disease

- [Myocardial Infarction](#)