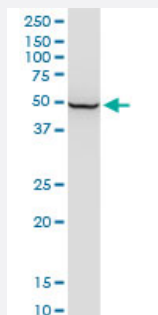


ENO1 monoclonal antibody (M07A), clone 8G3

Catalog # H00002023-M07A

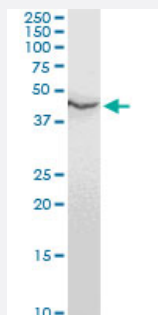
Size 200 uL

Applications



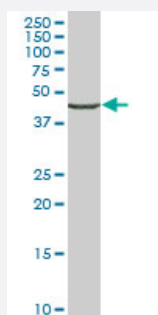
Western Blot (Tissue lysate)

ENO1 monoclonal antibody (M07A), clone 8G3. Western Blot analysis of ENO1 expression in human colon.



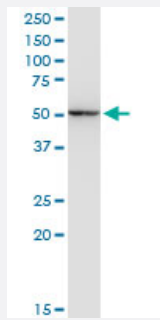
Western Blot (Cell lysate)

ENO1 monoclonal antibody (M07A), clone 8G3. Western Blot analysis of ENO1 expression in Raw 264.7.



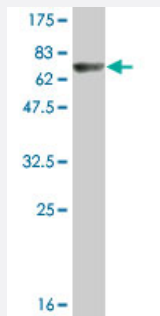
Western Blot (Cell lysate)

ENO1 monoclonal antibody (M07A), clone 8G3. Western Blot analysis of ENO1 expression in HepG2 (Cat # L019V1).



Western Blot (Cell lysate)

ENO1 monoclonal antibody (M07A), clone 8G3. Western Blot analysis of ENO1 expression in MCF-7.



Western Blot detection against Immunogen (73.48 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant ENO1.
Immunogen	ENO1 (AAH22545, 1 a.a. ~ 434 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSILKIHAREIFDSRGNPTEVDLFTSKGLFRAAVPSGASTGIYEALERDNDKTRYMGKGVSKAV EHINKTIAPALVSKKLVNTEQEIKDKLMIEMDGTENKSKFGANAILGVSLAVCKAGAVEKGVPLYRHI ADLAGNSEVILPVPAFNVINGGSHAGNKLAMQEFMILPVGAANFREAMRIGAEVYHNLKNVIKEY GKDATNVGDEGGFAPNILENKEGLELLKTAIGKAGYTDKVVIGMDVAASEFFRSGKYDLDFKSPD DPSRYISPDQLADLYKSFIDYPVVSIEDPFDQDDWGAWQKFTASAGIQVVGDDLTVTNPKRIAKA VNEKSCNCLLLKVNQIGSVTESLQACKLAQANGWGMVSHRSGETEDTFIADLVVGLCTGQIKTG APCRSERLAKYNQLLRIEEEELGSKAKFAGRNFRNPLAK
Host	Mouse
Reactivity	Human, Mouse
Isotype	IgM Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (73.48 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

ENO1 monoclonal antibody (M07A), clone 8G3. Western Blot analysis of ENO1 expression in human colon.

[Protocol Download](#)

- Western Blot (Cell lysate)

ENO1 monoclonal antibody (M07A), clone 8G3. Western Blot analysis of ENO1 expression in Raw 264.7.

[Protocol Download](#)

- Western Blot (Cell lysate)

ENO1 monoclonal antibody (M07A), clone 8G3. Western Blot analysis of ENO1 expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

ENO1 monoclonal antibody (M07A), clone 8G3. Western Blot analysis of ENO1 expression in MCF-7.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ENO1

Entrez GeneID	2023
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GeneBank Accession#	BC022545
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Protein Accession#	AAH22545
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Gene Name	ENO1
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Gene Alias	ENO1L1, MBP-1, MPB1, NNE, PPH
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Gene Description	enolase 1, (alpha)
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Omim ID	172430
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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](#)