



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ENO3 monoclonal antibody (M04), clone 3C6

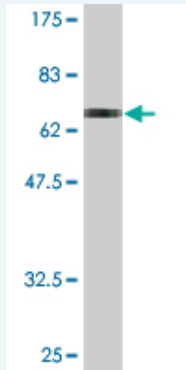
Catalog # : H00002027-M04

規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a full-length recombinant ENO3.
Immunogen:	ENO3 (AAH17249, 1 a.a. ~ 434 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MAMQKIFAREILDSRGNPTVEVDLHTAKGRFRAAVPSGASTGIYEALER DGDKGRYLKKGVLKAVENINSTLGPALLQKKLSVADQEKVDFMIELDG TENKSKFGANAILGVSLAVCKAGAAEKGVPLYRHIADLAGNPDILPVPF NVINGGSHAGNKLAMQEFMILPVGASSFKEAMRIGAEVYHHLKGVKAKY GKDATNVGDEGGFAPNILENNEALELLKTAIQAAGYPDKVIGMDVAASE FYRNGKYDLDFKSPDDPARHITGEKLGELYKSFIKNYPVVSIEDPFDQDD WATWTSFSGVNIQVGDLLTVTNPKRIAQAVEKKACNCLLLKVNQIGSV TESIQACKLAQSNWGMVSHRSGETEDTFIADLVVGLCTGQIKTGAPC RSERLAKYNQLMRIIEEALGDKAIFAGRKFRNPKAK
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2b Kappa
Quality Control Testing:	Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (73.48 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

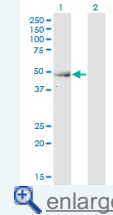
Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)

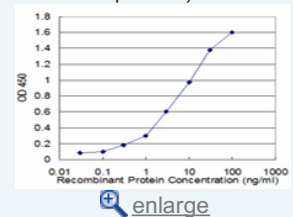
Application Image

Western Blot (Transfected lysate)

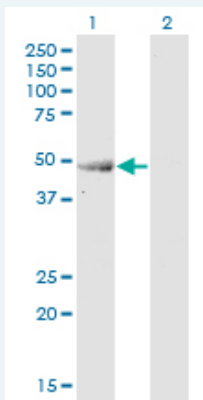


Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



ELISA



Western Blot analysis of ENO3 expression in transfected 293T cell line by ENO3 monoclonal antibody (M04), clone 3C6.

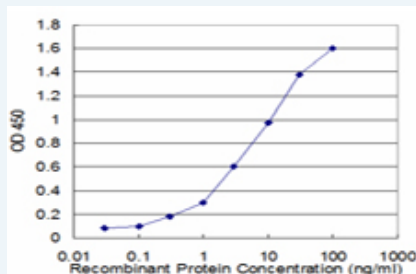
Lane 1: ENO3 transfected lysate(46.9 KDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged ENO3 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [2027](#)

GeneBank [BC017249](#)
Accession#:

Protein [AAH17249](#)
Accession#:

Gene Name: ENO3

Gene Alias: MSE

Gene Description: enolase 3 (beta, muscle)

Omim ID: [131370](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes one of the three enolase isoenzymes found in mammals. This isoenzyme, a homodimer, is found in skeletal muscle cells in the adult. A switch from alpha enolase to beta enolase occurs in muscle tissue during development in rodents. Mutations in this gene can be associated with metabolic myopathies that may result from

decreased stability of the enzyme. Two transcripts have been identified for this gene that differ only in their 5' UTR. [provided by RefSeq]

Other Designations: 2-phospho-D-glycerate hydrolyase, ENO3, muscle enolase 3 beta, OTTHUMP00000125242, beta enolase, enolase 3, enolase-3, beta, muscle, muscle specific enolase, skeletal muscle enolase

Gene Pathway

[Biosynthesis of alkaloids derived from histidine and purine](#)
[Biosynthesis of alkaloids derived from ornithine, lysine and nicotinic acid](#)
[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](#)

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[Muscular Dystrophies, Limb-Girdle](#)

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