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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

ENO1 monoclonal antibody (M01), clone 8G8

Catalog Number: H00002023-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant ENO1.

Clone Name: 8G8

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:

MSILKIHAREIFDSRGNPTVEVDLFTSKGLFRAAVPSGA
STGIYEALRLDNDKTRYMGKGVSKAVEHINKTIAPAL
VSKKLVTEQEIKDKLMIEMDGTENKSKFGANAILGVS
LAVCKAGAVEKGVPLYRHIADLAGNSEVILPVPAFNVIN
GGSHAGNKLAMQEFMILPVGAANFREMRIGAEVYHN
LKNVIKEKYGKDATNVGDEGGFAPNILENKEGLELLKT
AIGKAGYTDKVVIGMDVAASEFFRSGKYDLDFKSPDD
PSRYISPDQLADLYKSFIDYPVVSIEDPFDQDDWGAW
QKFTASAGIQVVGDDLTVTNPKRIAKAVNEKSCNCLLL
KVNQIGSVTESLQACKLAQANGWGMVSHRSGETED
TFIADLVVGLCTGQIKTGAPCRSERLAKYNQLLRIEEEEL
GSKAKFAGRNFRNPLAK

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, IHC-P, IP, S-ELISA, WB-Ce,
WB-Re, WB-Ti, WB-Tr
(See our web site product page for detailed applications
information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product
page for detailed protocols

Isotype: IgG1 kappa

Storage Buffer: In 1x PBS, pH 7.4

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

Entrez GeneID: 2023

Gene Symbol: ENO1

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

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]

References:

1. Alpha-enolase staining patterns in the renal tissues of cats with and without chronic kidney disease. McLeland S, Quimby J, Lappin MR. Vet Immunol Immunopathol. 2019 Jun;212:23-26. doi: 10.1016/j.vetimm.2019.04.009. Epub 2019 May 1.
2. Protein arginine methyltransferase 5 mediates enolase-1 cell surface trafficking in human lung adenocarcinoma cells. Zakrzewicz D, Didiasova M, Kruger M, Giaimo BD, Borggreffe T, Mieth M, Hocke AC, Zakrzewicz A, Schaefer L, Preissner KT, Wygrecka M. Biochim Biophys Acta. 2018 Mar 2;1864(5 Pt A):1816-1827.
3. Enolase-1 expression in the stratum corneum is elevated with parakeratosis of atopic dermatitis and disrupts the cellular tight junction barrier in keratinocytes. Tohgasaki T, Ozawa N, Yoshino T, Ishiwatari S, Matsukuma S, Yanagi S, Fukuda H. Int J Cosmet Sci. 2018 Feb 11. [Epub ahead of print]