

**Anti-ENO1 / Alpha Enolase Antibody (clone 12)**  
**Mouse Anti Human Monoclonal Antibody**  
**Catalog # ALS17995****Specification**

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**Anti-ENO1 / Alpha Enolase Antibody (clone 12) - Product Information**

Application	WB, IHC-P, E
Primary Accession	<a href="#">P06733</a>
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	47169

**Anti-ENO1 / Alpha Enolase Antibody (clone 12) - Additional Information****Gene ID 2023**Alias Symbol **ENO1****Other Names**

ENO1, Alpha Enolase, Alpha enolase like 1, ENO1L1, Enolase 1, MBP-1, MBPB1, MPB1, MYC promoter-binding protein 1, NNE, Phosphopyruvate hydratase, Alpha-enolase, Tau-crystallin, MBP1, MPB-1, C-myc promoter-binding protein, Enolase 1, (alpha), Enolase- ...

**Reconstitution & Storage**

Affinity purified

**Precautions**

Anti-ENO1 / Alpha Enolase Antibody (clone 12) is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-ENO1 / Alpha Enolase Antibody (clone 12) - Protein Information****Name** ENO1**Synonyms** ENO1L1, MBPB1, MPB1**Function**

Glycolytic enzyme that catalyzes the conversion of 2-phosphoglycerate to phosphoenolpyruvate (PubMed: [1369209](http://www.uniprot.org/citations/1369209), PubMed: [29775581](http://www.uniprot.org/citations/29775581)). In addition to glycolysis, involved in various processes such as growth control, hypoxia tolerance and allergic responses (PubMed: [10802057](http://www.uniprot.org/citations/10802057), PubMed: [12666133](http://www.uniprot.org/citations/12666133), PubMed: [2005901](http://www.uniprot.org/citations/2005901), PubMed: [29775581](http://www.uniprot.org/citations/29775581)). May also function in the intravascular and pericellular fibrinolytic system due to its ability to serve as a receptor and activator of plasminogen on the cell

surface of several cell-types such as leukocytes and neurons (PubMed:<a href="http://www.uniprot.org/citations/12666133" target="\_blank">12666133</a>). Stimulates immunoglobulin production (PubMed:<a href="http://www.uniprot.org/citations/1369209" target="\_blank">1369209</a>).

**Cellular Location**

Cytoplasm. Cell membrane. Cytoplasm, myofibril, sarcomere, M line. Note=Can translocate to the plasma membrane in either the homodimeric (alpha/alpha) or heterodimeric (alpha/gamma) form. ENO1 is localized to the M line

**Tissue Location**

The alpha/alpha homodimer is expressed in embryo and in most adult tissues. The alpha/beta heterodimer and the beta/beta homodimer are found in striated muscle, and the alpha/gamma heterodimer and the gamma/gamma homodimer in neurons

**Anti-ENO1 / Alpha Enolase Antibody (clone 12) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-ENO1 / Alpha Enolase Antibody (clone 12) - Images**