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Anti-ENO1 / Alpha Enolase Antibody (clone 9)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS17994

Specification

Anti-ENO1 / Alpha Enolase Antibody (clone 9) - Product Information

Application	**WB, IHC-P, E**
Primary Accession	P06733
Predicted	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1**
Calculated MW	**47169**

Anti-ENO1 / Alpha Enolase Antibody (clone 9) - 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 9) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-ENO1 / Alpha Enolase Antibody (clone 9) - Protein Information

Name ENO1

Synonyms ENO1L1, MBPB1, MPB1

Function
Glycolytic enzyme the catalyzes the conversion of 2- phosphoglycerate to phosphoenolpyruvate (PubMed:29775581, PubMed:1369209). In addition to glycolysis, involved in various processes such as growth control, hypoxia tolerance and allergic responses (PubMed:2005901, PubMed:10802057, PubMed:12666133, PubMed: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:12666133). Stimulates immunoglobulin production (PubMed:1369209).

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 9) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-ENO1 / Alpha Enolase Antibody (clone 9) - Images