10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-ENO1 / Alpha Enolase Antibody (clone 12)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS17995

Product Information

Application	WB, IHC-P, E
Primary Accession	P06733
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Names	12
Calculated MW	47169
Concentration (mg/ml)	1 mg/ml

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.

Protein Information

Name	ENO1 (HGNC:3350)
Synonyms	ENO1L1, MBPB1, MPB1
Function	Enolase that catalyzes the conversion of 2-phosphoglycerate to phosphoenolpyruvate in glycolysis and the reverse reaction in gluconeogenesis (PubMed:1369209, PubMed:29775581). Also involved in various processes such as growth control, hypoxia tolerance and allergic responses (PubMed:10802057, PubMed:12666133, PubMed:2005901, 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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.