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Product Information

Recombinant Anti-Human eno1 Antibody

Cat. No.: **MOM-18349**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody binds selectively to Human ENO1, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

Multifunctional enzyme that, as well as its role in glycolysis, plays a part in various processes such as growth control, hypoxia tolerance and allergic responses. 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. Stimulates immunoglobulin production.MBP1 binds to the myc promoter and acts as a transcriptional repressor. May be a tumor suppressor.

Specific Activity

Tested positive against native antigen.

Target

ENO1

Immunogen

Hela cell fraction

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

>95%, by SDS-PAGE with silver staining, under reducing conditions.

Applications

Suitable for use in FuncS, IF, Neut and most other immunological methods.

Storage

Store at -20°C. Avoid multiple freeze/thaw cycles.

ANTIGEN GENE INFOMATION

Gene Name

ENO1 enolase 1, (alpha) [Homo sapiens]

Official Symbol

ENO1

Synonyms

ENO1; enolase 1, (alpha); ENO1L1, MPB1; alpha-enolase; c-myc promoter-binding protein-1; MBP 1; PPH; alpha-enolase; enolase-alpha; tau-crystallin; non-neural enolase; alpha enolase like 1; phosphopyruvate hydratase; plasminogen-binding protein; MYC promoter-binding protein 1; 2-phospho-D-glycerate hydro-lyase; NNE; MPB1; ENO1L1

Gene ID

2023

mRNA Refseq

NM_001201483

Protein Refseq

NP_001188412

MIM

172430

UniProt ID

P06733

Chromosome Location

1p36.2

Pathway

Gluconeogenesis, organism-specific biosystem; Gluconeogenesis, oxaloacetate => fructose-6P, organism-specific biosystem; Gluconeogenesis, oxaloacetate => fructose-6P, conserved biosystem; Glucose metabolism, organism-specific biosystem; Glycolysis, organism-specific biosystem;

Function

DNA binding; lyase activity; magnesium ion binding; phosphopyruvate hydratase activity; protein binding; sequence-specific DNA binding transcription factor activity; transcription corepressor activity;

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