

A Reliable Research Partner in Life Science and Medicine

ENO3/beta-enolase Monoclonal Antibody

catalog number: AN200045P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human

Immunogen Recombinant Human ENO3 / beta-enolase Protein

 Host
 Mouse

 Isotype
 IgG2a

 Clone
 A889

 Purification
 Protein A

Buffer 0.2 µm filtered solution in PBS

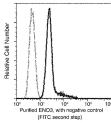
Applications Recommended Dilution

 WB
 1:500-1:2000

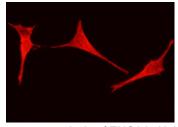
 FCM
 1:25-1:100

 ICC/IF
 1:20-1:100

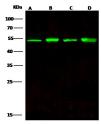
Data



Flow cytometric analysis of Human ENO3 expression on HeLa cells. The cells were stained with purified anti-Human ENO3, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.



Immunofluorescence analysis of ENO3 in Hela cells. Cells were fixed with 4% PFA, permeabilzed with 0.1% Triton X-100 in PBS,blocked with 10% serum, and incubated with mouse anti-Human ENO3 Monoclonal Antibody (dilution ratio 1:60) at 4°C overnight. Then cells were stained with the Alexa Fluor?594-conjugated Goat Anti-mouse IgG secondary antibody (red). Positive staining was localized to Cytoplasm.



Western Blot with ENO3 / beta-enolase Monoclonal Antibody at dilution of 1:500. Lane A: HepG2 Whole Cell Lysate, Lane B: Hela Whole Cell Lysate, Lane C: MOLT4 Whole Cell Lysate, Lane D: Raji Whole Cell Lysate, Lysates/proteins at 30 µg per lane.

Observed-MW:50 kDa Calculated-MW:47 kDa

Preparation & Storage

For Research Use Only

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 Tel: 1-832-243-6086
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Storage This antibody can be stored at 2°C-8°C for one month without detectable loss of

activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

Shipping Ice bag

Background

This gene encodes one of the three enclase isoenzymes found in mammals. This isoenzyme is found in skeletal muscle cells in the adult where it may play a role in muscle development and regeneration. A switch from alpha enclase to beta enclase occurs in muscle tissue during development in rodents. Mutations in this gene have be associated glycogen storage disease. Alternatively spliced transcript variants encoding different isoforms have been described.

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