Recombinant ENO3/beta-enolase Monoclonal Antibody

catalog number: AN300096P

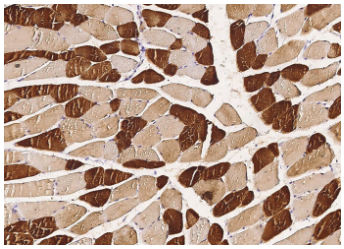
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

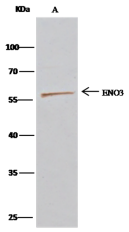
Reactivity	Human
Immunogen	Recombinant Human ENO3 / beta-enolase Protein
Host	Rabbit
Isotype	IgG
Clone	6H8
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
WB	1:500-1:2000
IHC-P	1:100-1:500
IP	1-4 μL/mg of lysate

Data



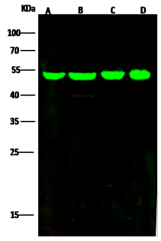
Immunohistochemistry of paraffin-embedded human skeletal muscle using ENO3 / beta-enolase Monoclonal Antibody at dilution of 1:200.



Immunoprecipitation analysis using 2 μL anti-ENO3 Monoclonal Antibody and 15 μl of 50 % Protein G agarose. Western blot was performed from the immunoprecipitate using ENO3 Monoclonal Antibody at a dilution of 1:100. Lane A:0.5 mg Raji Whole Cell Lysate

Observed-MW:53 kDa

Calculated-MW:47 kDa



Western Blot with ENO3 / beta-enolase Monoclonal Antibody at dilution of 1:500. Lane A: HepG2 Whole Cell Lysate, Lane B: Raji Whole Cell Lysate, Lane C: Hela Whole Cell Lysate, Lane D: MOLT-4 Whole Cell Lysate, Lysates/proteins at 30 μg per lane.

Observed-MW:53 kDa

Calculated-MW:47 kDa

Preparation & Storage

Storage	This antibody can be stored at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

This gene encodes one of the three enolase 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 enolase to beta enolase 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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