

Mouse anti-Human ENO3 Monoclonal Antibody | anti-ENO3 antibody

Anti-ENO3 Antibody, Mouse Monoclonal

CATALOG # AAA255739	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

ENO3; Monoclonal Antibody; Anti-ENO3 Antibody; Mouse Monoclonal; ENO3/beta-enolase Antibody; Mouse Mab; enolase 3 (beta; muscle); Anti-GSD13 Antibody; Anti-MSE Antibody; anti-ENO3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG3
Clone Number	02
Specificity	Human ENO3/beta-enolase
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-ENO3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Human ENO3/beta-enolase protein
Conjugation	Unconjugated
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human ENO3/beta-enolase (rh ENO3).
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human ENO3 in human skeletal muscle with mouse monoclonal antibody (1:100, formalin-fixed paraffin embedded sections).



WB (Western Blot)

Anti-ENO3 mouse monoclonal antibody at 1:500 dilution
Lane A: HepG2 Whole Cell Lysate
Lane B: Hela Whole Cell Lysate
Lane C: MOLT-4 Whole Cell Lysate
Lane D: Raji Whole Cell Lysate
Lysates/proteins at 30 ug per lane.
Secondary Goat Anti-Mouse IgG H&L (Dylight800) at 1/15000 dilution.
Developed using the Odyssey technique.
Performed under reducing conditions.
Predicted band size: 47 kDa
Observed band size: 52 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ENO3 antibody	ENO3 is one of the three enolase isoenzymes found in mammals. As a homodimer, ENO3 is found in skeletal muscle cells in the adult. A switch from alpha enolase to beta enolase occurs in muscle tissue during development in rodents. Mutations in ENO3 gene can be associated with metabolic myopathies that may result from decreased stability of the enzyme. Two transcripts have been identified for ENO3 gene that differ only in their 5' UTR. ENO3 may play a role in muscle development and regeneration. It appears to have a function in striated muscle development and regeneration.
References	Peshavaria M, et al. (1989) Structure of human muscle (beta) enolase mRNA and protein deduced from a genomic clone. Nucleic Acids Res. 17(21):8862. Cali L, et al. (1990) Nucleotide sequence of a cDNA encoding the human muscle-specific enolase (MSE). Nucleic Acids Res. 18(7):1893. Peshavaria M, et al. (1991) Molecular structure of the human muscle-specific enolase gene (ENO3). Biochem J. 275(2):427-33.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/eno3-antibody-clone-02-immunohistochemistry-western-blot-elisa/255739>