

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

Anti-ENO3 Antibody, Mouse Monoclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255738	Mouse	Human	Immunofluorescence, Immunocytochemistry, Flow Cytometry, Functional Assay, Western Blot

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	IgG2a
Clone Number	01
Specificity	Human ENO3/beta-enolase
Purity/Purification	Protein A affinity chromatography.
Form/Format	0.2um filtered solution in PBS
Applicable Applications for anti-ENO3 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	Recombinant Human ENO3/beta-enolase Protein ()
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/beta-enolase). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
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



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: MOLT4 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: 50 kDa



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Human ENO3 expression on HeLa cells. The cells were treated according to manufacturer's manual (BD Pharmingen), 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. Flow cytometry was performed on a BD FACSCalibur flow cytometry system.

ADDITIONAL INFORMATION

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.
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Online datasheet: <https://stage.aaabiotech.com/monoclonal/eno3-antibody-clone-01-immunofluorescence-immunocytochemistry-flow-cytometry-western-blot-elisa/255738>