

Datasheet for ABIN4909133
anti-ENO1 antibody



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2 Images

Overview

Quantity:	100 µL
Target:	ENO1
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ENO1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Purified His-tagged ENO1 protein was used to produced this monoclonal antibody.
Clone:	7C4
Isotype:	IgG2b
Cross-Reactivity:	Human, Mouse
Purification:	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	ENO1
Alternative Name:	ENO1 (ENO1 Products)

Target Details

Background:	<p>Synonyms: NNE, PPH, MPB1, ENO1L1, HEL-S-17, Alpha-enolase, 2-phospho-D-glycerate hydrolyase, C-myc promoter-binding protein, Enolase 1, MBP-1, MPB-1, Non-neural enolase, Phosphopyruvate hydratase, Plasminogen-binding protein, ENO1, MBPB1</p> <p>Background: 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.</p>
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Gene ID:	2023
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UniProt:	P06733
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Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	0.5 µg/µL
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Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
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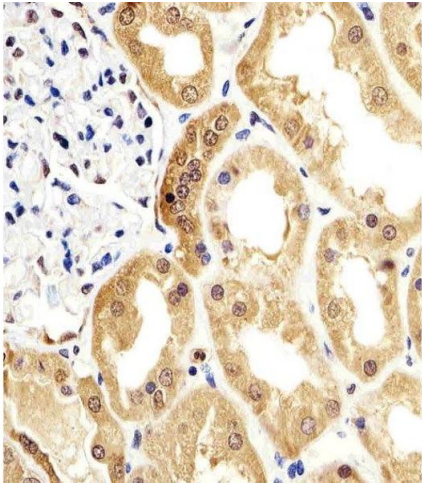
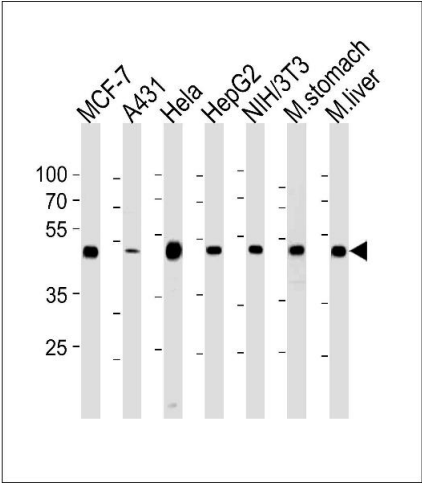
Preservative:	ProClin
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Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	Store at -20°C for 12 months.
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Expiry Date:	12 months
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Western Blotting

Image 1. Lane 1: MCF-7, Lane 2: A431, Lane 3: HeLa, Lane 4: HepG2, Lane 5: NIH/3T3, Lane 6: mouse stomach, Lane 7: mouse liver lysate at 35 µg per lane. probed with bsm-51216M ENO1 (786CT6.6.4) Monoclonal Antibody at 1:1000 dilution and 4°C overnight incubation, followed by secondary antibody incubation for 60min at room temperature.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Paraformaldehyde-fixed, paraffin embedded human kidney tissue, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 15 minutes, Blocking buffer (3% BSA) at room temperature for 30min, Antibody incubation with ENO1 (786CT6.6.4) Monoclonal Antibody (bsm-51216M) at 1:25 for 1 hour at 37°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.