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Datasheet for ABIN238663
anti-PC antibody (Internal Region)

3 Images

Overview

Quantity:	100 µg
Target:	PC
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PC antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	Pyruvate Carboxylase
Immunogen:	C-KFKEVKKAYVEANQ
Sequence:	KFKEVKKAYV EANQ
Isotype:	IgG
Specificity:	All reported variants (NP_000911.2, NP_001035806.1, NP_071504.2) represent identical protein.
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

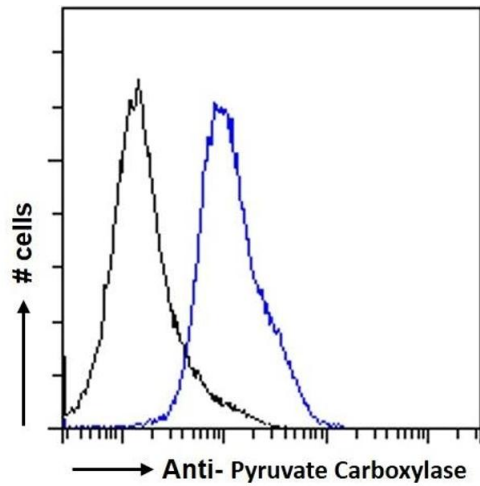
Target:	PC
Alternative Name:	Pyruvate Carboxylase (PC Products)
Background:	PC, pyruvate carboxylase, PCB
Gene ID:	5091
NCBI Accession:	NP_000911 , NP_001035806 , NP_071504

Application Details

Application Notes:	<p>DS WB Results: Approx 150 kDa band observed in Mouse Liver lysates (calculated MW of 130 kDa according to NP_000911.2, NP_001035806.1 and NP_071504.2). Recommended concentration: 0.03-0.1 µg/mL. Primary incubation was 1 hour.</p> <p>DS IHC Results: Paraffin embedded Human Liver. Recommended concentration: 5 µg/mL.</p> <p>Peptide ELISA: antibody detection limit dilution 1:16000.</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



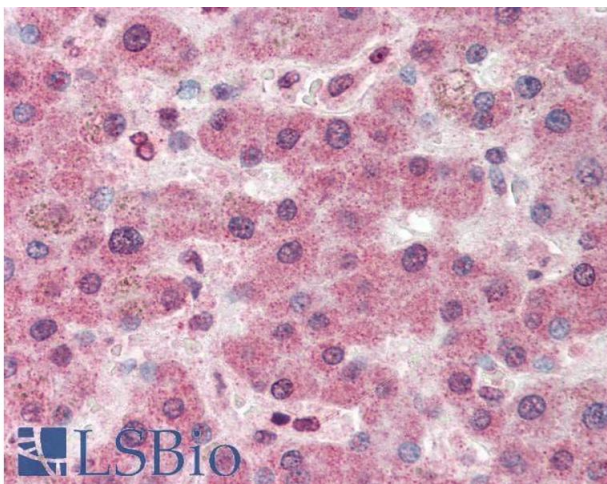
Flow Cytometry

Image 1. ABIN238663 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (1 µg/mL). IgG control: Unimmunized goat IgG (black line) fol



Western Blotting

Image 2. ABIN238663 (0.03µg/ml) staining of Mouse Liver lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



Immunohistochemistry

Image 3. ABIN238663 (5µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.