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Datasheet for ABIN7432133
anti-PKM2 antibody (AA 141-248)

13 Images

Overview

Quantity:	100 µL
Target:	PKM2
Binding Specificity:	AA 141-248
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKM2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Pyruvate kinase isozymes M2 (PKM2)
Immunogen:	Recombinant Pyruvate kinase isozymes M2 (PKM2) corresponding to Lys141~Ala248 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PKM2. It has been selected for its ability to recognize PKM2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

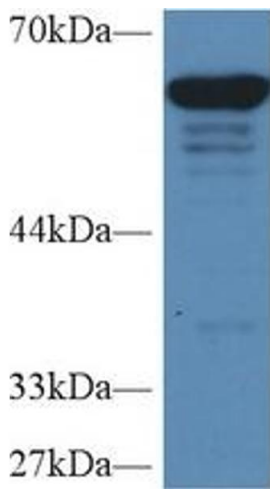
Target:	PKM2
Alternative Name:	Pyruvate kinase isozymes M2 (PKM2 Products)
Background:	M2PK, PKM, M2-PK, PKM1, CTHBP, OIP3, PK3, PKM, TCB, THBP1, Pyruvate kinase muscle isozyme, Thyroid hormone-binding protein 1, Cytosolic thyroid hormone-binding protein, Pyruvate Kinase, Muscle
Pathways:	Warburg Effect

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

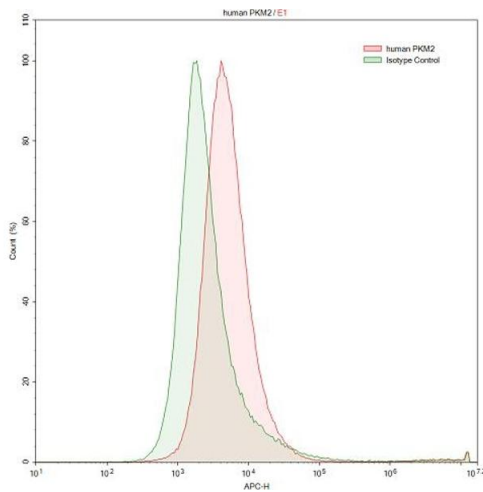
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



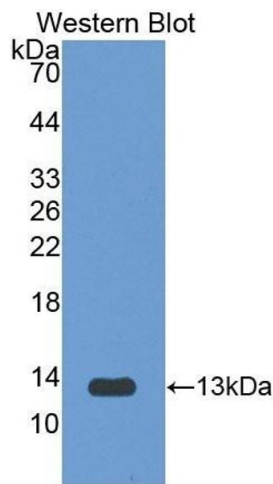
Western Blotting

Image 1. Detection of PKM2 in Human HepG2 cell lysate using Polyclonal Antibody to Pyruvate kinase isozymes M2 (PKM2)



Flow Cytometry

Image 2. Detection of PKM2 in K562 human chronic myelogenous leukemia cell line using Polyclonal Antibody to Pyruvate kinase isozymes M2 (PKM2)



Western Blotting

Image 3. Detection of Recombinant PKM2, Human using Polyclonal Antibody to Pyruvate kinase isozymes M2 (PKM2)

Please check the [product details page](#) for more images. Overall 13 images are available for ABIN7432133.