Datasheet for ABIN6944534

anti-PFKM antibody

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Overview

Quantity:	100 µL
Target:	PFKM
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This PFKM antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	Recombinant protein within human Fructose 6 Phosphate Kinase 1-200
Clone:	14C3
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	PFKM
Alternative Name:	PFKM (PFKM Products)

Target Details

Background:	Synonyms: ATP-dependent 6-phosphofructokinase muscle type, 6-phosphofructokinase type A, Phosphofructo-1-kinase isozyme A, Phosphohexokinase, ATP-PFK, PFK-M, PFK-A, PFKM, PFKX. Background: Catalyzes the phosphorylation of D-fructose 6-phosphate to fructose 1,6-bisphosphate by ATP, the first committing step of glycolysis. In human PFK exists as a system of 3 types of subunits, PFKM (muscle), PFKL (liver) and PFKP (platelet) isoenzymes.
Gene ID:	5213
UniProt:	P08237
Pathways:	Positive Regulation of Peptide Hormone Secretion, Negative Regulation of Hormone Secretion, Carbohydrate Homeostasis, Warburg Effect

Application Details

Application Notes:	WB 1:300-5000
	FCM 1:20-100
	IHC-P 1:200-400
	IF(IHC-P) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.
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 up to 2 weeks. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	12 months