



G6PC mouse mAb

Catalog No	YP-mAb-17245
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	IHC, WB
Gene Name	G6PC G6PT
Immunogen	Synthesized peptide derived from human C-terminal G6PC
Specificity	This antibody detects endogenous levels of G6PC at Human, Mouse, Rat
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	mouse, Monoclonal
Purification	The antibody was affinity-purified from mouse serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000 IHC 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	G6PC1; EC:3.1.3.9; G6Pase; G-6-Pase; G6Pase-alpha; G6PC; G6PC G6PT; Glucose-6-phosphatase (G-6-Pase) (G6Pase) (EC 3.1.3.9) (Glucose-6-phosphatase alpha) (G6Pase-alpha)
Observed Band	40 kDa
Calculated Molecular Weight	357 aa, 40 kDa
Cell Pathway	Endoplasmic reticulum membrane ; Multi-pass membrane protein .
Tissue Specificity	
Function	Hydrolyzes glucose-6-phosphate to glucose in the endoplasmic reticulum. Forms with the glucose-6-phosphate transporter (SLC37A4/G6PT) the complex responsible for glucose production in the terminal step of glycogenolysis and gluconeogenesis. Hence, it is the key enzyme in homeostatic regulation of blood glucose levels.
Background	
matters needing attention	Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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