PDXK Mouse mAb

Catalog No	YP-mAb-19374
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	PDXK C21orf124 C21orf97 PKH PNK PRED79
Protein Name	Pyridoxal kinase (Pyridoxine kinase)
Immunogen	Synthesized peptide derived from human PDXK. AA
Specificity	This antibody detects endogenous levels of PDXK at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Calculated Molecular Weight	34kD
Cell Pathway	Cytoplasm, cytosol .
Tissue Specificity	Ubiquitous (PubMed:9099727, PubMed:31187503). Highly expressed in testis (PubMed:9099727). ; [Isoform 3]: In adult testis and spermatozoa.
Function	Catalyzes the phosphorylation of the dietary vitamin B6 vitamers pyridoxal (PL), pyridoxine (PN) and pyridoxamine (PM) to form pyridoxal 5'-phosphate (PLP), pyridoxine 5'-phosphate (PNP) and pyridoxamine 5'-phosphate (PMP), respectively (Probable). PLP is the active form of vitamin B6, and acts as a cofactor for over 140 different enzymatic reactions.
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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