



PGK1 mouse mAb

Catalog No	YP-mAb-17237
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PGK1 PGKA MIG10 OK/SW-cl.110
Immunogen	Synthesized peptide derived from human N-terminal PGK1
Specificity	This antibody detects endogenous levels of PGK1 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 antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Cell migration-inducing gene 10 protein;EC:2.7.2.3;OK/SW-cl.110;PGKA;PRP 2; PGK1;PGK1 PGKA MIG10 OK/SW-cl.110;Phosphoglycerate kinase 1 (EC 2.7.2.3) (Cell migration-inducing gene 10 protein) (Primer recognition protein 2) (PRP 2)
Observed Band	40-45 kDa
Calculated Molecular Weight	417 aa, 45 kDa
Cell Pathway	Cytoplasm.
Tissue Specificity	Mainly expressed in spermatogonia. Localized on the principle piece in the sperm (at protein level). Expression significantly decreased in the testis of elderly men.
Function	Catalyzes one of the two ATP producing reactions in the glycolytic pathway via the reversible conversion of 1,3-diphosphoglycerate to 3-phosphoglycerate . In addition to its role as a glycolytic enzyme, it seems that PGK-1 acts as a polymerase alpha cofactor protein (primer recognition protein) . May play a role in sperm motility .
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.

Products Images