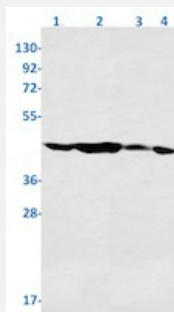


RecomAb™

PGK1 recombinant monoclonal antibody, clone R04-9H9

Catalog # RAB02006 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: MCF-7, Lane 2: HCT116, Lane 3: T47D and Lane 4: HeLa lysates with PGK1 recombinant monoclonal antibody, clone R04-9H9 (Cat # RAB02006).



Western Blot

Western blot analysis of HeLa lysates with PGK1 recombinant monoclonal antibody, clone R04-9H9 (Cat # RAB02006).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human PGK1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human PGK1.
Theoretical MW (kDa)	Calculated MW: 45 kD
Reactivity	Human, Mouse, Rat
Form	Liquid

Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1:50-1:200) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Lane 1: MCF-7, Lane 2: HCT116, Lane 3: T47D and Lane 4: Hela lysates with PGK1 recombinant monoclonal antibody, clone R04-9H9 (Cat # RAB02006).

- Western Blot

Western blot analysis of Hela lysates with PGK1 recombinant monoclonal antibody, clone R04-9H9 (Cat # RAB02006).

- Immunofluorescence

Gene Info — PGK1

Entrez GeneID	5230
Protein Accession#	P00558
Gene Name	PGK1
Gene Alias	MGC117307, MGC142128, MGC8947, MIG10, PGKA
Gene Description	phosphoglycerate kinase 1
Omim ID	300653 311800
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is a glycolytic enzyme that catalyzes the conversion of 1,3-diphosphoglycerate to 3-phosphoglycerate. The encoded protein may also act as a cofactor for polymerase alpha. This gene lies on the X-chromosome, while a related pseudogene also has been found on the X-chromosome and another on chromosome 19. [provided by RefSeq]

Other Designations

OTTHUMP00000023595|cell migration-inducing gene 10 protein|primer recognition protein 2

Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [Biosynthesis of alkaloids derived from shikimate pathway](#)
- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Biosynthesis of phenylpropanoids](#)
- [Biosynthesis of plant hormones](#)
- [Biosynthesis of terpenoids and steroids](#)
- [Carbon fixation in photosynthetic organisms](#)
- [Glycolysis / Gluconeogenesis](#)
- [Metabolic pathways](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)