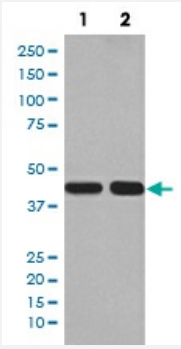
PGK1 monoclonal antibody, clone EAB-16

Catalog # MAB20316 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of (1) HepG2 cell lysate; (2) Mouse kidney lysate with PGK1 monoclonal antibody.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human PGK1.
Immunogen	A synthetic peptide corresponding to human PGK1.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:50) Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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- Immunocytochemistry
- Immunofluorescence
- Flow Cytometry

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-dipho sphoglycerate to 3-phosphoglycerate. The encoded protein may also act as a cofactor for polyme rase alpha. This gene lies on the X-chromosome, while a related pseudogene also has been foun d 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