

Nur für Forschungszwecke

PGK1 Monoklonaler Antikörper

Katalog-Nr.:68035-1-Ig



Allgemeine Informationen

Katalog-Nr.: 68035-1-Ig	GenBank-Zugangsnummer: BC103752	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul , Konzentration: 1000 µg/ml von5230 Nanodrop;	GeneID (NCBI): phosphoglycerate kinase 1	CloneNo.: 1B2F3
Wirt: Maus	Berechnete Masse: 417 aa, 45 kDa	Empfohlene Verdünnungen: WB 1:5000-1:50000 IHC 1:1000-1:4000
Isotyp: IgG1	Beobachtete Masse: 40-45 kDa	
Immunogen Katalognummer: AG12099		

Anwendungen

Geprüfte Anwendungen:

IHC, WB, ELISA

Getestete Reaktivität:

Human, Maus, Ratte

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: A431-Zellen, HeLa-Zellen, humanes Thrombozytengewebe, Jurkat-Zellen, LNCaP-Zellen, Maushodengewebe, NCCIT-Zellen, PC-3-Zellen, Rattenhodengewebe

IHC: humanes Leberkarzinomgewebe, Mausnierengewebe, Rattenhodengewebe, Rattennierengewebe

Hintergrundinformationen

PGK1, also known as PGKA, belongs to the phosphoglycerate kinase family. PGK1 is the first ATP-generating enzyme in glycolysis, which catalyzes the conversion of 1,3-diphosphoglycerate (1,3-BPG) to 3-phosphoglycerate (3-PG) and produces one molecule of ATP. PGK1 has other functions besides regulating glycolytic metabolism, including mediating autophagy initiation, DNA replication and repair in mammal cell nuclei. PGK1 has 2 isoforms with the molecular mass of 41 and 45 kDa (PMID: 31815035, PMID: 31911580).

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

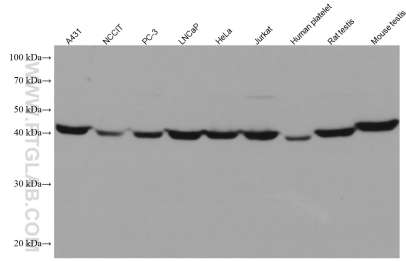
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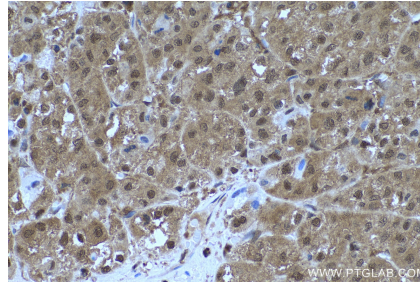
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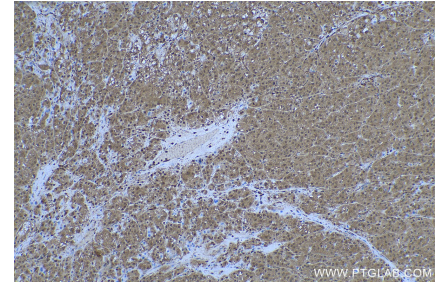
Ausgewählte Validierungsdaten



A431 cells were subjected to SDS PAGE followed by western blot with 68035-1-Ig (PGK1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 68035-1-Ig (PGK1 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 68035-1-Ig (PGK1 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).