

Nur für Forschungszwecke

# PGK1 Monoklonaler Antikörper

Katalog-Nr.:CL488-68035



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL488-68035	<b>GenBank-Zugangsnummer:</b> BC103752	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 100ul, Konzentration: 1000 µg/ml von5230 Nanodrop;	<b>GeneID (NCBI):</b> 5230	<b>CloneNo.:</b> 1B2F3
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> phosphoglycerate kinase 1	<b>Anregungs-/Emissionsmaxima- Wellenlängen:</b> 493 nm / 522 nm
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 417 aa, 45 kDa	
<b>Immunogen Katalognummer:</b> AG12099	<b>Beobachtete Masse:</b> 40-45 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
FC (Intra)

**Getestete Reaktivität:**  
Human

## 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. Vor Licht schützen. Nach dem Versand ein Jahr stabil.

**Lagerungspuffer:**

BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

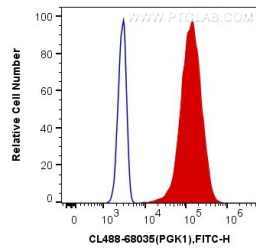
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug Coralite® Plus 488 Anti-Human PGK1 (CL488-68035, Clone:1B2F3) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).