

## Allgemeine Informationen

|                                                            |                                                      |                                               |
|------------------------------------------------------------|------------------------------------------------------|-----------------------------------------------|
| Katalog-Nr.:<br>68129-1-Ig                                 | GenBank-Zugangsnummer:<br>BC029138                   | Reinigungsmethode:<br>Protein-A-Reinigung     |
| Größe:<br>150ul, Konzentration: 500 µg/ml von<br>Nanodrop; | GeneID (NCBI):<br>5214                               | CloneNo.:<br>1H4D4                            |
| Wirt:<br>Maus                                              | Vollständiger Name:<br>phosphofructokinase, platelet | Empfohlene Verdünnungen:<br>WB 1:5000-1:50000 |
| Isotyp:<br>IgG1                                            | Berechnete Masse:<br>784 aa, 86 kDa                  |                                               |
| Immunogen Katalognummer:<br>AG25206                        | Beobachtete Masse:<br>80-86 kDa                      |                                               |

## Anwendungen

|                                                         |                                                                                                                                                                             |
|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Geprüfte Anwendungen:<br>WB, ELISA                      | Positivkontrollen:<br>WB : LNCaP-Zellen, A549-Zellen, HEK-293-Zellen,<br>HeLa-Zellen, Jurkat-Zellen, Kaninchenhirngewebe,<br>Maushirngewebe, MCF-7-Zellen, Rattenhirngewebe |
| Getestete Reaktivität:<br>Human, Kaninchen, Maus, Ratte |                                                                                                                                                                             |

## Hintergrundinformationen

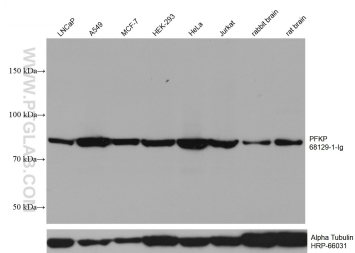
PFKP(6-phosphofructokinase, platelet type) is also named as PFKF, PFK-C and belongs to the phosphofructokinase family. This form of PFK is best called the 'platelet' type and symbolized PFKP because it is the only form made by platelets, whereas fibroblasts have more than one form of PFK (Francke (1983)). PFK catalyzes the irreversible conversion of fructose-6-phosphate to fructose-1,6-bisphosphate and is a key regulatory enzyme in glycolysis. The observed molecular weight of PFKP monomer is 80-86 kDa. The molecular mass of PFKP dimer is 171 kDa (PMID: 28607489).

## 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

## Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 68129-1-Ig (PFKFB3 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha-Tubulin Monoclonal antibody (HRP-66031) as loading control.