

**PFKP Antibody (C-term)**  
**Purified Mouse Monoclonal Antibody (Mab)**  
**Catalog # AM8580b**

**Specification**

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**PFKP Antibody (C-term) - Product Information**

|                   |                            |
|-------------------|----------------------------|
| Application       | WB,E                       |
| Primary Accession | <a href="#">Q01813</a>     |
| Reactivity        | Human, Mouse, Green Monkey |
| Host              | Mouse                      |
| Clonality         | monoclonal                 |
| Isotype           | IgG1,k                     |
| Calculated MW     | 85596                      |

**PFKP Antibody (C-term) - Additional Information**

**Gene ID** 5214

**Other Names**

ATP-dependent 6-phosphofructokinase, platelet type {ECO:0000255|HAMAP-Rule:MF\_03184}, ATP-PFK {ECO:0000255|HAMAP-Rule:MF\_03184}, PFK-P, 2.7.1.11 {ECO:0000255|HAMAP-Rule:MF\_03184}, 6-phosphofructokinase type C, Phosphofructo-1-kinase isozyme C, PFK-C, Phosphohexokinase {ECO:0000255|HAMAP-Rule:MF\_03184}, PFKP, PFKF

**Target/Specificity**

This PFKP antibody is generated from a mouse immunized with a recombinant protein between 40-300 amino acids from the C-terminal region of human PFKP.

**Dilution**

WB~~1:4000

E~~Use at an assay dependent concentration.

**Format**

Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

PFKP Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**PFKP Antibody (C-term) - Protein Information**

**Name** PFKP

## Synonyms PFKF

**Function** Catalyzes the phosphorylation of D-fructose 6-phosphate to fructose 1,6-bisphosphate by ATP, the first committing step of glycolysis.

## Cellular Location

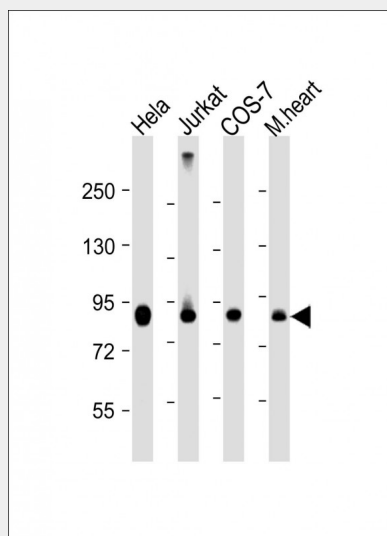
Cytoplasm {ECO:0000255|HAMAP-Rule:MF\_03184}.

## PFKP Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## PFKP Antibody (C-term) - Images



All lanes : Anti-PFKP Antibody (C-term) at 1:4000 dilution Lane 1: HeLa whole cell lysate Lane 2: Jurkat whole cell lysate Lane 3: COS-7 whole cell lysate Lane 4: mouse heart lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 86 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

## PFKP Antibody (C-term) - Background

Catalyzes the phosphorylation of D-fructose 6-phosphate to fructose 1,6-bisphosphate by ATP, the first committing step of glycolysis.

## PFKP Antibody (C-term) - References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).

Deloukas P.,et al.Nature 429:375-381(2004).

Simpson C.J.,et al.Biochem. Biophys. Res. Commun. 180:197-203(1991).

Rush J.,et al.Nat. Biotechnol. 23:94-101(2005).