

**PFKL Rabbit mAb**  
Catalog # AP75898**Specification**

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**PFKL Rabbit mAb - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P17858</a>
Reactivity	<b>Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal Antibody</b>
Calculated MW	<b>85018</b>

**PFKL Rabbit mAb - Additional Information****Gene ID** 5211**Other Names**

PFKL

**Dilution**

WB~~1/500-1/1000

**Format**

Liquid

**PFKL Rabbit mAb - Protein Information****Name** PFKL ([HGNC:8876](#))**Function**

Catalyzes the phosphorylation of D-fructose 6-phosphate to fructose 1,6-bisphosphate by ATP, the first committing step of glycolysis (PubMed: <http://www.uniprot.org/citations/22923583> target="\_blank">22923583</a>). Negatively regulates the phagocyte oxidative burst in response to bacterial infection by controlling cellular NADPH biosynthesis and NADPH oxidase-derived reactive oxygen species. Upon macrophage activation, drives the metabolic switch toward glycolysis, thus preventing glucose turnover that produces NADPH via pentose phosphate pathway (By similarity).

**Cellular Location**

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

**PFKL Rabbit mAb - 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](#)

### PFKL Rabbit mAb - Images

