

PFKL Rabbit mAb
Catalog # AP75898**Specification**

PFKL Rabbit mAb - Product Information

Application	WB, ICC
Primary Accession	P17858
Reactivity	Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	85018

PFKL Rabbit mAb - Additional Information**Gene ID** 5211**Other Names**
PFKL**Dilution**
WB~~1/500-1/1000
ICC~~N/A**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:22923583). 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

