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PFKP Rabbit mAb

Catalog # AP75899

Product Information

Application	WB, FC, IP
Primary Accession	Q01813
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	85596

Additional Information

Gene ID	5214
Other Names	PFKP
Dilution	WB~~1:1000-1:10000 FC~~1:100-1:200 IP~~1:50-1:100
Format	1xPBS(pH 7.4), 150mM NaCl, 50% Glycerol, 0.02% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

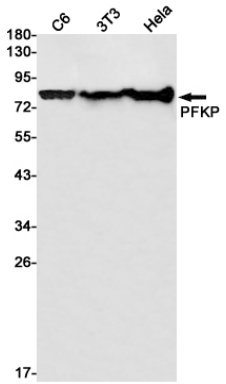
Protein Information

Name	PFKP (HGNC:8878)
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}.

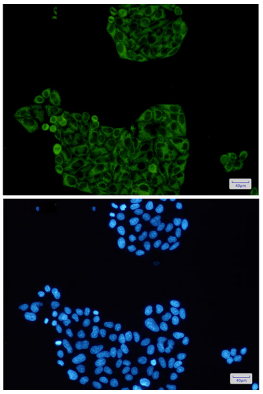
Background

Catalyzes the phosphorylation of D-fructose 6-phosphate to fructose 1,6-bisphosphate by ATP, the first committing step of glycolysis.MiscellaneousIn human PFK exists as a system of 3 types of subunits, PFKM (muscle), PFKL (liver) and PFKP (platelet) isoenzymes.

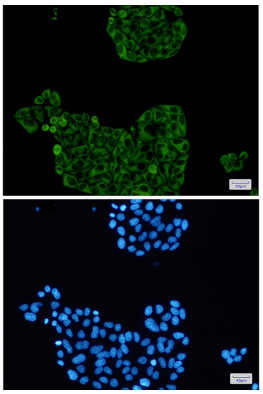
Images

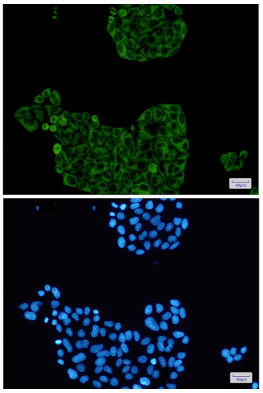


Western blot analysis of PFKP in C6, 3T3, Hela lysates using PFKP antibody.



Immunocytochemistry analysis of PFKP(green) in Hela using PFKP antibody,and DAPI(blue)





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