



# FN3K Monoclonal Antibody

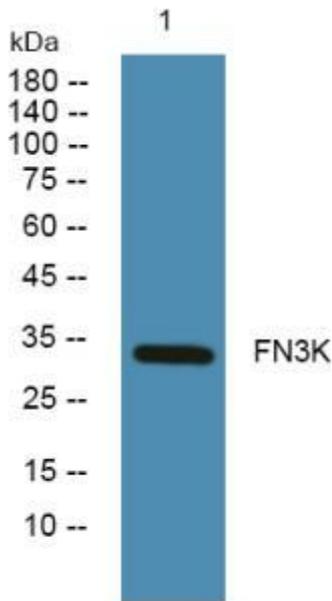
<b>Catalog No</b>	YP-mAb-06573
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB
<b>Gene Name</b>	FN3K
<b>Protein Name</b>	Fructosamine-3-kinase (EC 2.7.1.-)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 130-210
<b>Specificity</b>	FN3K Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Monoclonal, mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	33kD
<b>Cell Pathway</b>	cytosol,
<b>Tissue Specificity</b>	Widely expressed (PubMed:11522682). Expressed in erythrocytes (PubMed:11016445).
<b>Function</b>	function:May initiate a process leading to the deglycation of fructoselysine and of glycated proteins. May play a role in the phosphorylation of 1-deoxy-1-morpholinofructose (DMF), fructoselysine, fructoseglycine, fructose and glycated lysozyme.,similarity:Belongs to the fructosamine kinase family.,subunit:Monomer.,tissue specificity:Expressed in erythrocytes.,
<b>Background</b>	A high concentration of glucose can result in non-enzymatic oxidation of proteins by reaction of glucose and lysine residues (glycation). Proteins modified in this way, fructosamines, are less active or functional. This gene encodes an enzyme which catalyzes the phosphorylation of fructosamines which may result in deglycation. [provided by RefSeq, Feb 2012],
<b>matters needing attention</b>	Avoid repeated freezing and thawing!



**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**



Western blot analysis of lysates from Jarkat cells, primary antibody was diluted at 1:1000, 4°over night