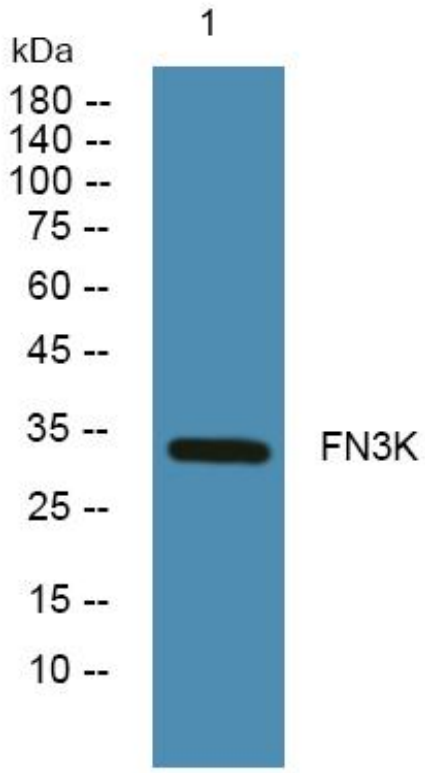
FN3K Monoclonal Antibody

Catalog No	YP-mAb-06573
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	FN3K
Protein Name	Fructosamine-3-kinase (EC 2.7.1.-)
Immunogen	Synthesized peptide derived from human protein . at AA range: 130-210
Specificity	FN3K Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	33kD
Cell Pathway	cytosol,
Tissue Specificity	Widely expressed (PubMed:11522682). Expressed in erythrocytes (PubMed:11016445).
Function	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.,
Background	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],
matters needing attention	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 various cells using FN3K Monoclonal Antibody