

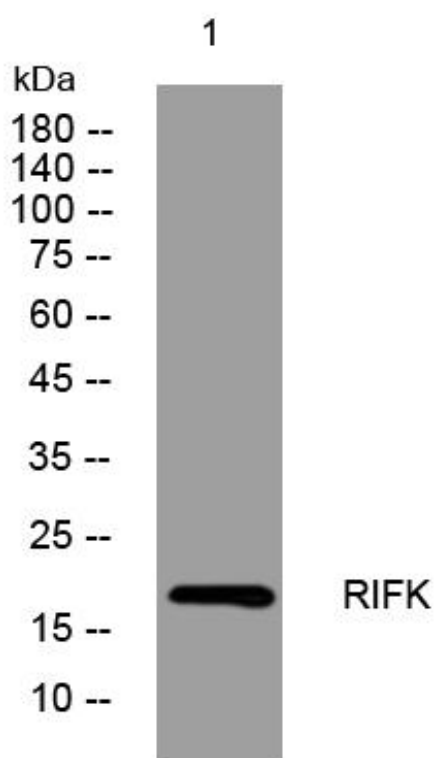


RIFK mouse mAb

Catalog No	YP-mAb-11924
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	RFK
Protein Name	RIFK
Immunogen	Synthesized peptide derived from human RIFK AA range: 82-132
Specificity	This antibody detects endogenous levels of RIFK at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA 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	
Cell Pathway	Cytoplasm .
Tissue Specificity	Detected in brain, placenta and urinary bladder.
Function	catalytic activity:ATP + riboflavin = ADP + FMN.,cofactor:Zinc or magnesium.,function:Catalyzes the phosphorylation of riboflavin (vitamin B2) to form flavin-mononucleotide (FMN)..pathway:Cofactor biosynthesis; FMN biosynthesis; FMN from riboflavin (ATP route): step 1/1.,subunit:Monomer.,tissue specificity:Detected in brain, placenta and urinary bladder.,
Background	Riboflavin kinase (RFK; EC 2.7.1.26) is an essential enzyme that catalyzes the phosphorylation of riboflavin (vitamin B2) to form flavin mononucleotide (FMN), an obligatory step in vitamin B2 utilization and flavin cofactor synthesis (Karthikeyan et al., 2003 [PubMed 12623014]).[supplied by OMIM, Nov 2009],
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 RIFK mouse mAb