



Thymidine Kinase Monoclonal Antibody

Catalog No	YP-mAb-15016
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TK1
Protein Name	Thymidine kinase cytosolic
Immunogen	The antiserum was produced against synthesized peptide derived from human TK. AA range:1-50
Specificity	Thymidine Kinase Monoclonal Antibody detects endogenous levels of Thymidine Kinase protein.
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	TK1; Thymidine kinase; cytosolic
Observed Band	25kD
Cell Pathway	Cytoplasm.
Tissue Specificity	Epithelium,Lymph,Skin,Uterus,
Function	catalytic activity:ATP + thymidine = ADP + thymidine 5'-phosphate.,miscellaneous:Two forms have been identified in animal cells, one in cytosol and one in mitochondria. Activity of the cytosolic enzyme is high in proliferating cells and peaks during the S-phase of the cell cycle; it is very low in resting cells.,PTM:Phosphorylated on Ser-13 in mitosis.,similarity:Belongs to the thymidine kinase family.,
Background	catalytic activity:ATP + thymidine = ADP + thymidine 5'-phosphate.,miscellaneous:Two forms have been identified in animal cells, one in cytosol and one in mitochondria. Activity of the cytosolic enzyme is high in proliferating cells and peaks during the S-phase of the cell cycle; it is very low in resting cells.,PTM:Phosphorylated on Ser-13 in mitosis.,similarity:Belongs to the thymidine kinase family.,



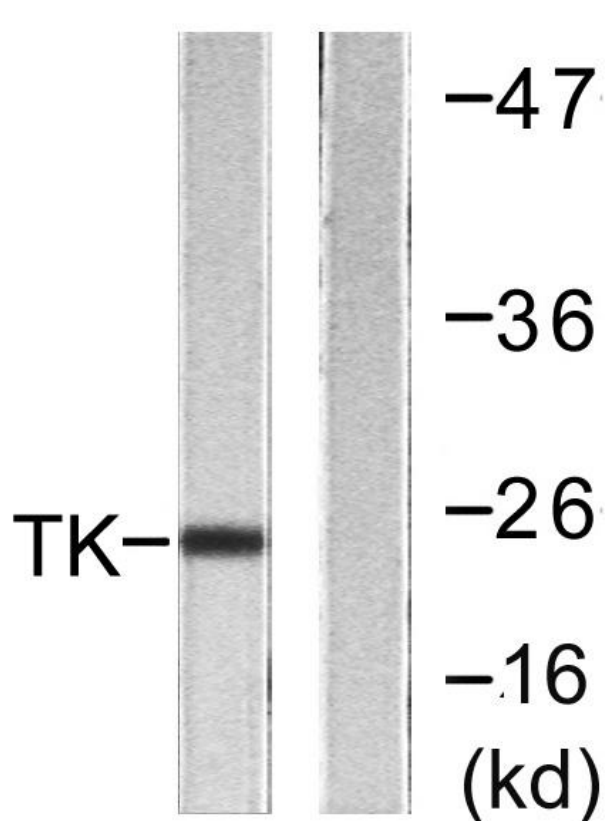
matters needing attention

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 Thymidine Kinase Monoclonal Antibody