



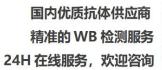
## Thymidine Kinase (phospho Ser13) Monoclonal Antibody

Catalog No	BYmab-14455
Isotype	IgG
Reactivity	Human;Mouse;Rat;Pig(Test by out customer)
Applications	WB
Gene Name	TK1
Protein Name	Thymidine kinase cytosolic
Immunogen	The antiserum was produced against synthesized peptide derived from human TK around the phosphorylation site of Ser13. AA range:1-50
Specificity	Phospho-Thymidine Kinase (S13) Monoclonal Antibody detects endogenous levels of Thymidine Kinase protein only when phosphorylated at S13.
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 1:500-2000
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

Nanjing BYabscience technology Co.,Ltd

网址: www.njbybio.com 官方热线: 025-5229-8998 监督电话: 15950492658







	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**

Nanjing BYabscience technology Co.,Ltd