



Thymidine Kinase Monoclonal Antibody

Catalog No	YP-mAb-15015
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TK1
Immunogen	The antiserum was produced against synthesized peptide derived from human KITH. AA range:161-210
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	Thymidine Kinase;TK1;Thymidine kinase cytosolic;cytosolic
Observed Band	25kD
Calculated Molecular Weight	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.,
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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

