

For Research Use Only

TK1 Monoclonal antibody

Catalog Number: 67787-1-Ig 1 Publications



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
67787-1-Ig	BC007986	Protein A purification
Size:	GeneID (NCBI):	CloneNo.:
150ul , Concentration: 1000 µg/ml by Nanodrop;	7083	1B1C2
Source:	Full Name:	Recommended Dilutions:
Mouse	thymidine kinase 1, soluble	WB 1:2000-1:10000
Isotype:	Calculated MW:	IHC 1:250-1:1000
IgG2a	Observed MW:	
Immunogen Catalog Number:	25 kDa	
AG8265		

Applications

Tested Applications:	Positive Controls:
IHC, WB, ELISA	WB : HeLa cells, Jurkat cells, THP-1 cells, Raji cells, HEK-293 cells, HepG2 cells, K-562 cells
Cited Applications:	IHC : human colon cancer tissue,
IF, IHC, WB	
Species Specificity:	
Human	
Cited Species:	
human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

TK1(Thymidine kinase, cytosolic) belongs to the thymidine kinase family and is a regulatory enzyme that can interchange between its dimeric and tetrameric forms, which have low and high catalytic efficiencies, respectively. TK1 is involved in DNA synthesis and an important proliferation marker(PMID:21178264).

Notable Publications

Author	Pubmed ID	Journal	Application
Ning Wang	36806253	Cell Death Dis	WB,IHC,IF

Storage

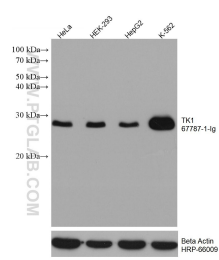
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

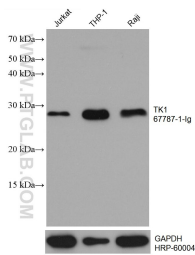
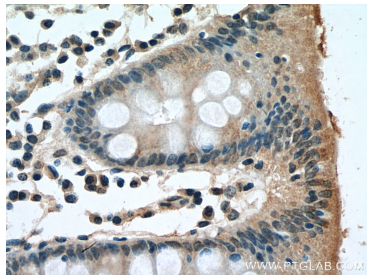
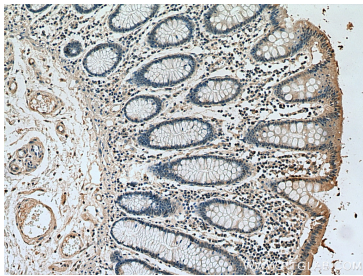
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67787-1-Ig (TK1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.



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