

Mouse anti-Human, Pig Thymidine Kinase 1, Soluble (TK1) Monoclonal Antibody | anti-TK1 antibody

Monoclonal Antibody to Thymidine Kinase 1, Soluble (TK1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA151818	Mouse	Human, Pig	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

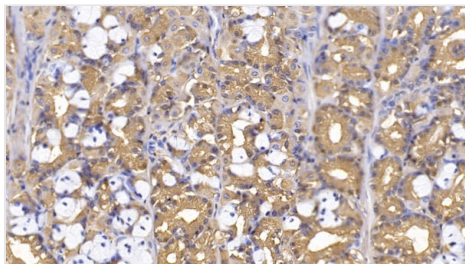
PRODUCT SYNONYMS

Thymidine Kinase 1; Soluble (TK1); Monoclonal Antibody; Monoclonal Antibody to Thymidine Kinase 1; TK1/Thymidine Kinase 1; Soluble; TK2; Thymidine kinase; cytosolic; anti-TK1 antibody

PRODUCT SPECIFICATIONS

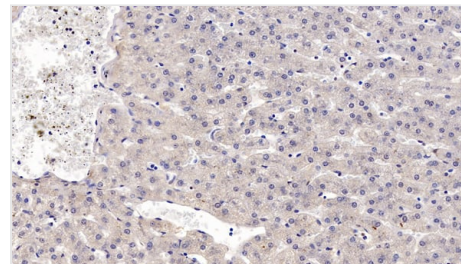
Host	Mouse
Reactivity	Human, Pig
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	D2
Specificity	The antibody is a mouse monoclonal antibody raised against TK1. It has been selected for its ability to recognize TK1 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-TK1 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Prokaryotic Recombinant proteins/RP
Conjugation	Unconjugated
Preparation and Storage	Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



IHC (Immunohistochemistry)

DAB staining on IHCP; Samples: Human Stomach Tissue; Primary Ab: 10ug/ml Mouse AntiHuman TK1 Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



IHC (Immunohistochemistry)

DAB staining on IHCP; Samples: Human Liver Tissue; Primary Ab: 10ug/ml Mouse AntiHuman TK1 Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

ADDITIONAL INFORMATION

Product Categories/Family for anti-TK1 antibody	Enzyme & Kinase; Primary
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NCBI AND UNIPROT INFORMATION

NCBI GI #	164698438
NCBI GeneID	7083
NCBI Accession #	NP_003249.3
NCBI GenBank Nucleotide #	NM_003258.4
UniProt Accession #	P04183; Q969V0; Q9UMG9; B2RC58
Molecular Weight	25,469 Da
NCBI Official Full Name	thymidine kinase, cytosolic
NCBI Official Synonym Full Names	thymidine kinase 1, soluble
NCBI Official Symbol	TK1
NCBI Official Synonym Symbols	TK2
NCBI Protein Information	thymidine kinase, cytosolic; thymidine kinase-1; thymidine kinase 1 soluble isoform
UniProt Protein Name	Thymidine kinase, cytosolic
UniProt Gene Name	TK1
UniProt Entry Name	KITH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/thymidine-kinase-1-soluble-tk1-antibody-clone-d2-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/151818>