

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

Thymidine Kinase 1, Soluble (TK1) Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA147845	Mouse	Human, Pig	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

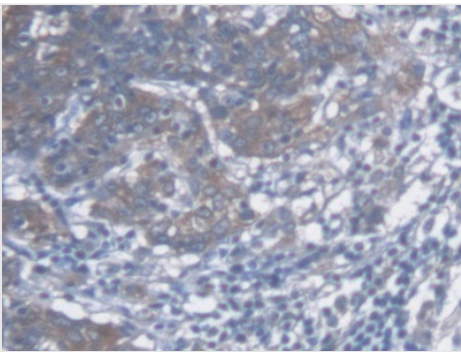
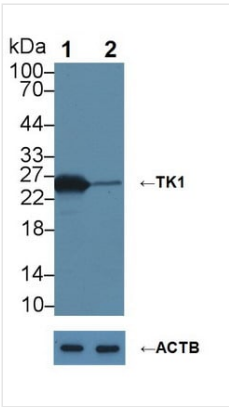
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

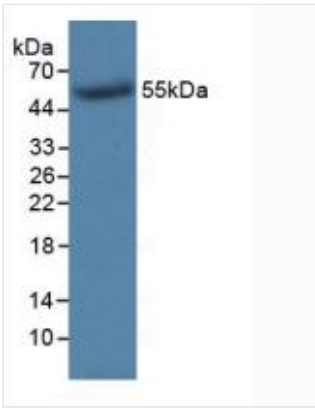
Host	Mouse
Reactivity	Human, Pig
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	C3
Specificity	The antibody is a mouse monoclonal antibody raised against TK1. It has been selected for its ability to recognize TK1 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid
Concentration	0.5mg/ml (varies by lot)
Sequence Length	234
Applicable Applications for anti-TK1 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Organism Species	Human
Immunogen	Recombinant Thymidine Kinase 1, Soluble (TK1)
Cross Reactivity	Human, Pig
Buffer Formulation	0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES

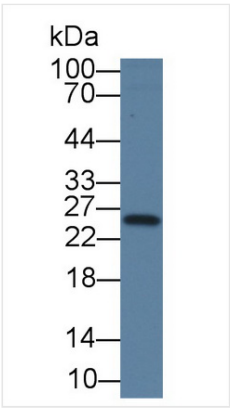


IHC (Immunohistochemisry)
DAB staining on IHC-P; Samples: Human Uterine fibroids Tissue

Knockout Validation
Knockout Validation: Lane 1: Wild-type MCF7 cell lysate;;Lane 2: TK1 knockout MCF7 cell lysate;;Predicted MW: 25kDa ;Observed MW: 25kDa;Primary Ab: 6ug/ml Mouse Anti-Human TK1 Antibody;Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody;



WB (Western Blot)
Western Blot: Sample: Recombinant TK1, Human.



WB (Western Blot)
Western Blot: Sample: Human Hela cell lysate; Primary Ab: 6ug/ml Mouse Anti-Human TK1 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-TK1 antibody	Knock-Out Validation Antibody
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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 isoform 1
NCBI Official Synonym Full Names	thymidine kinase 1
NCBI Official Symbol	TK1
NCBI Official Synonym Symbols	TK2

NCBI Protein Information	thymidine kinase, cytosolic
UniProt Protein Name	Thymidine kinase, cytosolic
UniProt Gene Name	TK1

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-c3-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/147845>