

# Immunotag™ TK1 Antibody

Antibody Specification	
Catalog No.	ITA7477
Product Description	Immunotag™ TK1 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TK1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human TK1
Specificity	TK1 Antibody detects endogenous levels of total TK1
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	TK1
Accession No.	P04183
Alternate Names	cytosolic; KITH_HUMAN; Thymidine kinase 1; Thymidine kinase 1 soluble; Thymidine kinase 1 soluble isoform; Thymidine kinase; Thymidine kinase cytosolic; TK 1; TK 2; TK1; Tk1a; Tk1b; TK2;
Description	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.
Cell Pathway/ Category	Primary Polyclonal Antibody

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Protein MW	25kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.