Immunotag™ Phospho-TK (Ser13) Antibody

Antibody Specification

Catalog No.	ITA0840
Product Description	Immunotag™ Phospho-TK (Ser13) 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	Phospho-TK (Ser13)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:500, 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 TK around the phosphorylation site of Serine 13
Specificity	Phospho-TK (Ser13) Antibody detects endogenous levels of TK only when phosphorylated at Serine 13
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
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;

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