

## TTK (Ab-676) Conjugated Antibody

Catalog No: #C33252



Package Size: #C33252-AF350 100ul #C33252-AF405 100ul #C33252-AF488 100ul  
 #C33252-AF555 100ul #C33252-AF594 100ul #C33252-AF647 100ul  
 #C33252-AF680 100ul #C33252-AF750 100ul #C33252-Biotin 100ul

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## Description

Product Name	TTK (Ab-676) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total TTK protein.
Immunogen Description	Synthesized non-phosphopeptide derived from human TTK around the phosphorylation site of threonine 676 (D-T-T(p)-S-V).
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	dual specificity protein kinase TTK;EC 2.7.12.1;Esk1;Mps1;MPS1L1
Accession No.	Swiss-Prot#:P33981NCBI Gene ID:7272
Uniprot	P33981
GeneID	7272;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	100
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250  
 AF405 conjugated: most applications: 1: 50 - 1: 250  
 AF488 conjugated: most applications: 1: 50 - 1: 250  
 AF555 conjugated: most applications: 1: 50 - 1: 250  
 AF594 conjugated: most applications: 1: 50 - 1: 250  
 AF647 conjugated: most applications: 1: 50 - 1: 250  
 AF680 conjugated: most applications: 1: 50 - 1: 250  
 AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Product Description

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The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Background

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Phosphorylates proteins on serine, threonine, and tyrosine. Probably associated with cell proliferation. Essential for chromosome alignment by enhancing AURKB activity (via direct CDCA8 phosphorylation) at the centromere, and for the mitotic checkpoint.

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Note: This product is for in vitro research use only