

## ACK1 (Phospho-Tyr284) Conjugated Antibody

Catalog No: #C11671



Package Size: #C11671-AF350 100ul #C11671-AF405 100ul #C11671-AF488 100ul  
 #C11671-AF555 100ul #C11671-AF594 100ul #C11671-AF647 100ul  
 #C11671-AF680 100ul #C11671-AF750 100ul #C11671-Biotin 100ul

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## Description

Product Name	ACK1 (Phospho-Tyr284) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of ACK1 only when phosphorylated at tyrosine 284.
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 284 (D-H-Y(p)-V-M) derived from Human ACK1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ACK1; Activated p21cdc42Hs kinase; EC 2.7.10.2; kinase ACK1
Accession No.	Swiss-Prot#: Q07912 NCBI Gene ID: 10188 NCBI mRNA#: NM_005781.4 NCBI Protein#: NP_005772.3.
Uniprot	Q07912
GeneID	10188;
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	120
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

## Product Description

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Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

## Background

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Non-receptor tyrosine-protein and serine/threonine-protein kinase that is implicated in cell spreading and migration, cell survival, cell growth and proliferation. Transduces extracellular signals to cytosolic and nuclear effectors. Phosphorylates AKT1, AR, MCF2, WASL and WWOX. Implicated in trafficking and clathrin-mediated endocytosis through binding to epidermal growth factor receptor (EGFR) and clathrin. Binds to both poly- and mono-ubiquitin and regulates ligand-induced degradation of EGFR, thereby contributing to the accumulation of EGFR at the limiting membrane of early endosomes.

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Note: This product is for in vitro research use only