

CDC2 (Phospho-Thr161) Conjugated Antibody

Catalog No: #C11134



Package Size: #C11134-AF350 100ul #C11134-AF405 100ul #C11134-AF488 100ul
 #C11134-AF555 100ul #C11134-AF594 100ul #C11134-AF647 100ul
 #C11134-AF680 100ul #C11134-AF750 100ul #C11134-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

| | |
|-----------------------|--|
| Product Name | CDC2 (Phospho-Thr161) Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Species Reactivity | Hu Ms Rt |
| Specificity | The antibody detects endogenous level of CDC2 only when phosphorylated at threonine 161. |
| Immunogen Description | Peptide sequence around phosphorylation site of threonine161 (T-Y-T(p)-H-E) derived from Human CDC2. |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Other Names | CDC28;CDC2A;CDK1;Cyclin-dependent kinase 1 |
| Accession No. | Swiss-Prot#:P06493NCBI Gene ID:983NCBI mRNA#:NM_001170406.1 NCBI Protein#:NP_001163877.1 |
| Uniprot | P06493 |
| GeneID | 983; |
| 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 | 34 |
| 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

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

Plays a key role in the control of the eukaryotic cell cycle. It is required in higher cells for entry into S-phase and mitosis. p34 is a component of the kinase complex that phosphorylates the repetitive C-terminus of RNA polymerase II.

Note: This product is for in vitro research use only