

Cdk1/2 (Phospho-Thr14) Conjugated Antibody

Catalog No: #C14162

Package Size: #C14162-AF350 100ul #C14162-AF405 100ul #C14162-AF488 100ul

#C14162-AF555 100ul #C14162-AF594 100ul #C14162-AF647 100ul

#C14162-AF680 100ul #C14162-AF750 100ul #C14162-Biotin 100ul

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Description

Product Name	Cdk1/2 (Phospho-Thr14) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human Mouse Rat
Specificity	Phospho-Cdk1/2 (T14) Antibody detects endogenous levels of total Phospho-Cdk1/2 (T14)
Immunogen Description	A synthesized peptide derived from human Phospho-Cdk1/2 (T14)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CDC28; CDC2A; CDK1; Cell division control protein 2 homolog; Cyclin-dependent kinase 1; MPF; kinase Cdc2; p34 protein kinase;
Accession No.	Uniprot:P06493/P24941
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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	34kDa
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

Product Description

Cdk2 is a member of the Ser/Thr protein kinase family. It is highly similar to the gene products of *S. cerevisiae* cdc28, and *S. pombe* cdc2. Cdk2 is closely related to cdc2 (cdk1) which has proved useful as a marker of proliferation. Cdk1 and Cdk2 are a catalytic subunits of the highly conserved protein kinase complex known as M-phase promoting factor (MPF), which is essential for G1/S and G2/M phase transitions of eukaryotic cell cycle.

Note: This product is for in vitro research use only