

## CDK2 (Phospho-Tyr15) Conjugated Antibody

Catalog No: #C14200



Package Size: #C14200-AF350 100ul #C14200-AF405 100ul #C14200-AF488 100ul  
 #C14200-AF555 100ul #C14200-AF594 100ul #C14200-AF647 100ul  
 #C14200-AF680 100ul #C14200-AF750 100ul #C14200-Biotin 100ul

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## Description

Product Name	CDK2 (Phospho-Tyr15) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human Mouse Rat
Specificity	Phospho-CDK2 (Y15) Antibody detects endogenous levels of Phospho-CDK2 (Y15)
Immunogen Description	A synthesized peptide derived from human CDK2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Cdc2 related protein kinase; Cyclin-dependent kinase 2; CDC28; Cell division protein kinase 2; p33 protein kinase; CDK2; CDKN2; CDC2A;
Accession No.	Uniprot: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

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

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## Product Description

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CDK2 is an important component of the cell cycle machinery. Like p34cdc2, kinase activity is regulated by phosphorylation state as well as association with a cyclin subunit and a CDK inhibitor. This protein can be regulated by the regulatory subunits of the complex including cyclin A or E, CDK inhibitor p21Cip1 (CDKN1A) and p27Kip1 (CDKN1B).

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Note: This product is for in vitro research use only