

## CDK2 (Ab-160) Conjugated Antibody

Catalog No: #C21111



Package Size: #C21111-AF350 100ul #C21111-AF405 100ul #C21111-AF488 100ul  
 #C21111-AF555 100ul #C21111-AF594 100ul #C21111-AF647 100ul  
 #C21111-AF680 100ul #C21111-AF750 100ul #C21111-Biotin 100ul

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## Description

Product Name	CDK2 (Ab-160) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total CDK2 protein.
Immunogen Description	Peptide sequence around aa.158~162 (T-Y-T-H-E) derived from Human CDK2.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	kinase Cdk2;p33 protein kinase
Accession No.	Swiss-Prot#:P24941 NCBI Gene ID:1017 NCBI mRNA#:NM_001798.3 NCBI Protein#:NP_001789.2
Uniprot	P24941
GeneID	1017;
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

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Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

## Background

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Involved in the control of the cell cycle. Interacts with cyclins A, B1, B3, D, or E. Activity of CDK2 is maximal during S phase and G2.

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Note: This product is for in vitro research use only