

## CLK-1 Conjugated Antibody

Catalog No: #C33712



Package Size: #C33712-AF350 100ul #C33712-AF405 100ul #C33712-AF488 100ul  
 #C33712-AF555 100ul #C33712-AF594 100ul #C33712-AF647 100ul  
 #C33712-AF680 100ul #C33712-AF750 100ul #C33712-Biotin 100ul

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## Description

|                       |   |
|-----------------------|---|
| Product Name          | CLK-1 Conjugated Antibody   |
| Host Species          | Rabbit  |
| Clonality             | Polyclonal  |
| Species Reactivity    | Hu Ms   |
| Specificity           | The antibody detects endogenous levels of total CLK-1 protein.  |
| Immunogen Description | Synthesized peptide derived from N-terminal of human CLK-1.   |
| Conjugates            | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750  |
| Other Names           | CD2L1;CDC2L1;CDK11;CLK-1;Cell division cycle 2-like 1;Cyclin-dependent kinase 11B (EC:2.7.11.22);Cell division cycle 2-like protein kinase 1;Cell division protein kinase 11B;Galactosyltransferase-associated protein kinase p58/GTA;PITSLRE serine/threonine-protein kinase CDC2L1p58 CLK-1;CDK11B;PITSLREA, PK58 |
| Accession No.         | Swiss-Prot#:P21127NCBI Gene ID:984  |
| Uniprot               | P21127  |
| GeneID                | 984;  |
| Excitation Emission   | AF350: 346nm/442nm<br>AF405: 401nm/421nm<br>AF488: 493nm/519nm<br>AF555: 555nm/565nm<br>AF594: 591nm/614nm<br>AF647: 651nm/667nm<br>AF680: 679nm/702nm<br>AF750: 749nm/775nm  |
| Calculated MW         | 92  |
| 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

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## Product Description

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The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Background

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Appears to play multiple roles in cell cycle progression, cytokinesis and apoptosis. The p110 isoforms have been suggested to be involved in pre-mRNA splicing, potentially by phosphorylating the splicing protein SFRS7. The p58 isoform may act as a negative regulator of normal cell cycle progression.

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Note: This product is for in vitro research use only