# Cyclin C (Phospho-Ser275) Conjugated Antibody

Catalog No: #C11797

Package Size: #C11797-AF350 100ul #C11797-AF405 100ul #C11797-AF488 100ul #C11797-AF555 100ul #C11797-AF594 100ul #C11797-AF647 100ul #C11797-AF680 100ul #C11797-AF750 100ul #C11797-Biotin 100ul

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## Description

| | |
|---|---|
| Product Name | Cyclin C (Phospho-Ser275) Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Species Reactivity | Hu Ms Rt |
| Specificity | The antibody detects endogenous levels of Cyclin C only when phosphorylated at serine 275. |
| Immunogen Description | Peptide sequence around phosphorylation site of Serine 275(N-G-S(p)-A-N) derived from Human Cyclin C. |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Other Names | CG1C;cyclin C;SRB11 |
| Accession No. | Swiss-Prot#:P24863NCBI Gene ID:892NCBI mRNA#:NM_005190.3. NCBI Protein#:NP_005181.2. |
| Uniprot | P24863 |
| GeneID | 892; |
| 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 | 37 |
| 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 chromatogramphy using non-phosphopeptide.

## Background

The protein encoded by this gene is a member of the cyclin family of proteins. The encoded protein interacts with cyclin-dependent kinase 8 and induces the phophorylation of the carboxy-terminal domain of the large subunit of RNA polymerase II. The level of mRNAs for this gene peaks in the G1 phase of the cell cycle. Two transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only