

## CDC25B (Phospho-Ser323) Conjugated Antibody

Catalog No: #C12104



Package Size: #C12104-AF350 100ul #C12104-AF405 100ul #C12104-AF488 100ul

#C12104-AF555 100ul #C12104-AF594 100ul #C12104-AF647 100ul

#C12104-AF680 100ul #C12104-AF750 100ul #C12104-Biotin 100ul

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## Description

Product Name	CDC25B (Phospho-Ser323) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of CDC25B only when phosphorylated at serine 323.
Immunogen Description	Peptide sequence around phosphorylation site of serine 323 (S-P-S(p)-M-P) derived from Human CDC25B.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CDC25HU2, CDC25M2, Dual specificity phosphatase Cdc25B, EC 3.1.3.48, M-phase inducer phosphatase 2, MPIP2
Accession No.	Swiss-Prot#:P30305NCBI Gene ID:994
Uniprot	P30305
GeneID	994;
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	62
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

## 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 chromatography using non-phosphopeptide.

## Background

Tyrosine protein phosphatase which functions as a dosage-dependent inducer of mitotic progression. Required for G2/M phases of the cell cycle progression and abscission during cytokinesis in a ECT2-dependent manner. Directly dephosphorylates CDK1 and stimulates its kinase activity. The three isoforms seem to have a different level of activity.

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Note: This product is for in vitro research use only