CDC2(Phospho-Tyr15) Antibody

Catalog No: #11244

Description

Package Size: #11244-1 50ul #11244-2 100ul



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

Product Name	CDC2(Phospho-Tyr15) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	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.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of CDC2 only when phosphorylated at tyrosine 15.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 15 (G-T-Y(p)-G-V) derived from Human CDC2.
Target Name	CDC2
Modification	Phospho
Other Names	CDC28; CDC2A; CDK1; Cyclin-dependent kinase 1;
Accession No.	Swiss-Prot: P06493NCBI Protein: NP_001163877.1

Application Details

Predicted MW: 34kd

Western blotting: 1:500~1:1000

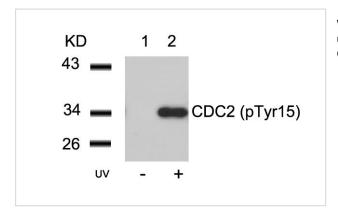
Images

Uniprot GeneID

Concentration

Formulation

Storage



P06493

1.0mg/ml

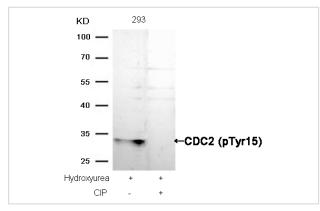
sodium azide and 50% glycerol.

983;

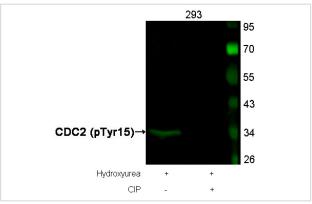
Western blot analysis of extracts from Hela cells untreated(lane 1) or treated with UV(lane 2) using CDC2(Phospho-Tyr15) Antibody #11244.

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02%

Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.



Western blot analysis of extracts from 293 cells, treated with Hydroxyurea or calf intestinal phosphatase (CIP), using CDC2 (Phospho-Tyr15) Antibody #11244.



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Background

Plays a key role in the control of the eukaryotic cell cycle. It is required in higher cells for entry into S-phase and mitosis. p34 is a component of the kinase complex that phosphorylates the repetitive C-terminus of RNA polymerase II.

Y Gu, et al. (1992) EMBO J. 11(11): 3995

Note: This product is for in vitro research use only