

Phospho-Cdc25B (Ser323) Antibody
Catalog # ABV11989**Specification**

Phospho-Cdc25B (Ser323) Antibody - Product Information

Application	WB
Primary Accession	P30305
Reactivity	Human, Mouse, Rat
Host	Rabbit
Isotype	Rabbit IgG
Calculated MW	64987

Phospho-Cdc25B (Ser323) Antibody - Additional Information**Gene ID** 994

Positive Control	WB: VEC, 293 and A549 cell lysates
Application & Usage	WB 1:500-1:2000; E 1:20000
Other Names	
M-phase inducer phosphatase 2, Dual specificity phosphatase Cdc25B, CDC25B, CDC25HU2	

Target/Specificity
CDC25B**Antibody Form**
Liquid**Appearance**
Colorless liquid**Handling**
The antibody solution should be gently mixed before use**Reconstitution & Storage**
-20°C**Background Descriptions****Precautions**
Phospho-Cdc25B (Ser323) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**Phospho-Cdc25B (Ser323) Antibody - Protein Information****Name** CDC25B**Synonyms** CDC25HU2

Function

Tyrosine protein phosphatase which functions as a dosage- dependent inducer of mitotic progression (PubMed:1836978, PubMed:20360007). Directly dephosphorylates CDK1 and stimulates its kinase activity (PubMed:20360007). Required for G2/M phases of the cell cycle progression and abscission during cytokinesis in a ECT2-dependent manner (PubMed:17332740). The three isoforms seem to have a different level of activity (PubMed:1836978).

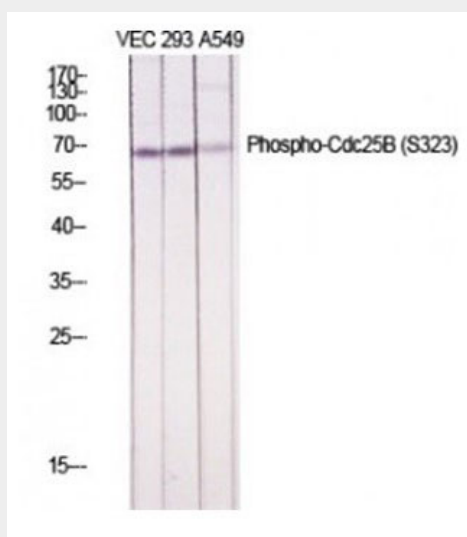
Cellular Location

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle pole

Phospho-Cdc25B (Ser323) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Phospho-Cdc25B (Ser323) Antibody - Images

WB (WB) analysis using Phospho.Cdc25B (S323) Polyclonal Antibody in VEC, 293 and A549 cell lysates