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Phospho-Cdc25B (Ser323) Antibody

Catalog # ABV11989

Product Information

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

Additional Information

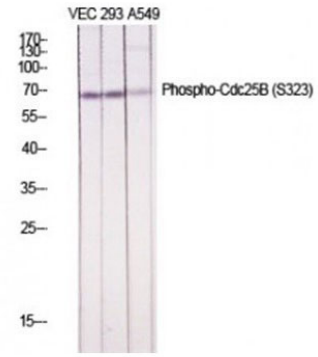
Gene ID	994
Positive Control	WB: VEC, 293 and A549 cell lysates
Application & Usage	WB 1:500-1:2000; E 1:20000
Other Names	M-phase inducer phosphatase 2, Dual specificity phosphatase Cdc25B, CDC25B, CDC25HU2
Target/Specificity	CDC25B
Antibody Form	Liquid
Appearance	Colorless liquid
Handling	The antibody 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.

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

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.