bs-3093R **[Primary Antibody]**

phospho-cdc25A (Thr507) Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 993 **SWISS:** P30304

Target: cdc25A (Thr507)

Immunogen: KLH conjugated Synthesised phosphopeptide derived from human cdc25A around the phosphorylation site of Thr506: SR(p-T)WA.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: CDC25A is a member of the CDC25 family of phosphatases. CDC25A is required for progression from G1 to the S phase of the cell cycle. It activates the cyclin-dependent kinase CDC2 by removing two phosphate groups. CDC25A is specifically degraded in response to DNA damage, which prevents cells with chromosomal abnormalities from progressing through cell division. CDC25A is an oncogene, although its exact role in oncogenesis has not been demonstrated. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

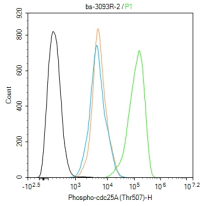
Applications: **Flow-Cyt** (2ug/Test)

Reactivity: Human, Mouse (predicted: Rat, Cow, Chicken, Dog)

Predicted MW.: 59 kDa

Subcellular Location: Cytoplasm ,Nucleus

VALIDATION IMAGES



Blank control（black line）:HepG2. Primary Antibody (green line): Rabbit Anti-Phospho-cdc25A (Thr507) antibody (bs-3093R) Dilution:2ug/Test; Secondary Antibody（white blue line）: Goat anti-rabbit IgG-AF488 Dilution: 0.5ug/Test. Isotype control（orange line）: Normal Rabbit IgG Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.