

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### p-Cdc25A (S76) Peptide

Cat No.: BS4223P

#### Background

Cyclin dependent kinases are positively regulated by association with cyclins and negatively regulated by binding to inhibitory subunits. The activity of cyclin dependent kinases is also regulated by the phosphorylation status, which is controlled by the antagonistic action of Wee1 kinase and CDC25 phosphatases. Three CDC25 genes are present in human cells: CDC25A, CDC25B, and CDC25C. These three genes function at different phases of the cell cycle. Whereas CDC25A and CDC25B are expressed throughout the cell cycle, with peak expression in G1 for CDC25A and in both G1 S phase and G2 for CDC25B, CDC25C is predominantly expressed in G2.

#### Swiss-Prot

P30304

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS4223 p-Cdc25A (S76) pAb.

#### Purification & Purity

Synthetic peptide p-Cdc25A (S76). (Note: the amino acid sequence is proprietary). The purity is > 98%.

#### Product

1 mg/ml in DI water.

#### Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

#### Research Use

For research use only, not for use in diagnostic procedure.