

### 35-1133: Polyclonal Antibody to cdc25A (Phospho-Ser76)

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB,IHC
<b>Reactivity :</b>	Human,Mouse,Rat
<b>Gene :</b>	CDC25A
<b>Gene ID :</b>	993
<b>Uniprot ID :</b>	P30304
<b>Format :</b>	Purified
<b>Alternative Name :</b>	CDC25M3, MPIP1, Dual specificity phosphatase Cdc25A
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Peptide sequence around phosphorylation site of serine 76 (M-G-S(p)-S-E) derived from Human cdc25A.

#### Description

Tyrosine protein phosphatase which functions as a dosage-dependent inducer of mitotic progression. Directly dephosphorylates CDC2 and stimulates its kinase activity. Also dephosphorylates CDK2 in complex with cyclin E, in vitro.

#### Product Info

<b>Amount :</b>	50 $\mu$ l / 100 $\mu$ l
<b>Content :</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

#### Application Note

Predicted MW: 70kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100

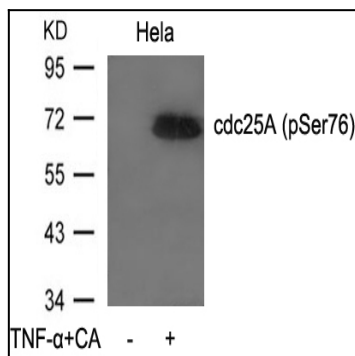


Figure 1: Western blot analysis of extracts from HeLa cells untreated or treated with TNF- $\alpha$  and CA using cdc25A(Phospho-Ser76) Antibody 35-1133 .

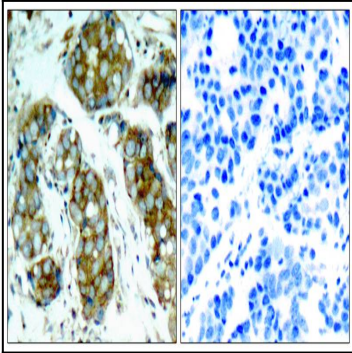


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using cdc25A(Phospho-Ser76) Antibody 35-1133 (left) or the same antibody preincubated with blocking peptide(right).