

## 39-1017: Anti-CDC25C Monoclonal Antibody (Clone: DCS-193)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	DCS-193
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	Cdc25c
<b>Gene ID :</b>	307511
<b>Uniprot ID :</b>	D4ADT2
<b>Alternative Name :</b>	Protein Cdc25c ; Cdc25c
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Recombinant human Cdc25c.

### Description

Cell division cycle(CDC25) gene product is a protein-tyrosine phosphatase, activates a partially purified p34(cdc2)/cyclin B complex. The cdc25 protein also shares homology with a protein phosphatase with activity against both tyrosine and serine(and thus probably threonine) phosphate residues. CDC25C is expressed predominantly in G2 phase in healer cells. The human gene encodes a protein with a predicted molecular mass of 53,000 daltons whose C-terminal domain shares about 37% sequence identity with the fission yeast cdc25 mitotic inducer. CDC25C gene is mapped to 5q31.

### Product Info

<b>Amount :</b>	100 µg/vial
<b>Purification :</b>	Ascites
<b>Content :</b>	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN <sub>3</sub> as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
<b>Storage condition :</b>	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

### Application Note

Western blot : 1-2µg/ml