

## CDC25C Antibody [clone IMD-25] (R30017)

Catalog No.	Formulation	Size
R30017	0.5mg/ml with 1% BSA and 0.01% sodium azide if reconstituted with 0.2ml sterile 1X PBS	100 ug

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Availability	1-3 business days
Species Reactivity	Human
Format	Ascites
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	IMD-25
Purity	Ascites
Gene ID	995
Applications	Western Blot : 1-2ug/ml
Limitations	This CDC25C antibody is available for research use only.



### 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.

### Application Notes

The stated application concentrations are suggested starting amounts. Titration of the CDC25C antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## **Immunogen**

Recombinant human protein was used as the immunogen for this CDC25C antibody.

## **Storage**

After reconstitution, the CDC25C antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.