

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
Host	Mouse
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.