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**Product Name: Cdc25C (11W11) Rabbit Monoclonal Antibody****Catalog #: AMRe08507**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.3mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:5000
<b>Molecular Weight</b>	53kDa

**Antigen Information**

<b>Gene Name</b>	CDC25C
<b>Alternative Names</b>	CDC25; CDC25C; Cell division cycle 25 homolog C; MPIP3; PPP1R60;
<b>Gene ID</b>	995.0
<b>SwissProt ID</b>	P30307
<b>Immunogen</b>	A synthetic peptide of human Cdc25C

**Background**

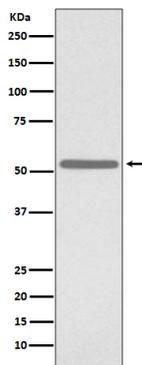
Functions as a dosage-dependent inducer in mitotic control. It is a tyrosine protein phosphatase required for progression of the

cell cycle. It directly dephosphorylates CDK1 and activate its kinase activity. Functions as a dosage-dependent inducer in mitotic control. Tyrosine protein phosphatase required for progression of the cell cycle. When phosphorylated, highly effective in activating G2 cells into prophase. Directly dephosphorylates CDK1 and activates its kinase activity.

## Research Area

Cell Biology

## Image Data



Western blot analysis of Cdc25C expression in K562 cell lysate.