

## Anti-Cdc25C Antibody (9N768)

## Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 53 kDa. Actual: 50 kDa.
Clone:	9N768
Purification:	Protein A purified

## Applications

Verified Activity:	1. 25 µg total protein per lane of various lysates (see on figure) probed with Cdc25C monoclonal antibody, unconjugated (TMAB-04121) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min. 2. 4% Paraformaldehyde-fixed K562 (H) cell; Triton X-100 at r. T. for 20 min; Antibody incubation with (CDC25C) monoclonal Antibody, unconjugated (TMAB-04121) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green) at 37°C for 90 min, DAPI (blue) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.
Application:	WB,ICC/IF,IP
Recommended	WB: 1:500-2000; ICC/IF: 1:50-200; IP: 1:20-50

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	A synthesized peptide: human CDC25C
Antigen Species:	Human
Gene ID:	995
Uniprot ID:	P30307

## Research Background

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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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