

Anti-CDC25B Antibody (1T844)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse
Molecular Weight:	Theoretical: 65 kDa. Actual: 55 kDa.
Clone:	1T844
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. The HeLa (H) cells were fixed with 4% PFA (10 min at r. T.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r. T.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Rabbit Anti-CDC25B antibody (TMAB-04118, 1:100); Isotype Control (orange): Rabbit IgG. Blank control (black): PBS. Acquisition of 20,000 events was performed.</p> <p>2. 25 µg total protein per lane of various lysates (see on figure) probed with CDC25B monoclonal antibody, unconjugated (TMAB-04118) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.</p>
Application:	WB,IP,FCM
Recommended	WB: 1:500-2000; IP: 1:20-50; FCM: 1:50-100

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 CDC25B
Antigen Species:	Human
Gene ID:	994
Uniprot ID:	P30305

Research Background

CDC25B is a member of the CDC25 family of phosphatases. CDC25B activates the cyclin dependent kinase CDC2 by removing two phosphate groups and it is required for entry into mitosis. CDC25B shuttles between the nucleus and the cytoplasm due to nuclear localization and nuclear export signals.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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