

## Anti-Phospho-PLK1 (Thr20) Antibody (4Z9)

### Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	4Z9
Purification:	Affinity-chromatography

### Applications

Verified Activity:	Western blot analysis of Phospho-PLK1 (T210) expression in (1) HeLa cell lysate; (2) HeLa cell treated with nocodazole lysate.
Application:	WB
Recommended	WB: 1:1000-1:2000

### Properties

Stability & Storage:	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 PLK1 around the phosphorylation site of T20 p-PLK1 (Thr20);PLK1 (p-T20);Polo like kinase 1;p-PLK1 (T20);Serine/threonine protein kinase
Synonyms:	13;Serine/threonine protein kinase PLK1;PLK;PLK1 (p-Thr20);STPK 13;Cell cycle regulated protein kinase;PLK 1

### Research Background

Serine/threonine-protein kinase that performs several important functions throughout M phase of the cell cycle, including the regulation of centrosome maturation and spindle assembly, the removal of cohesins from chromosome arms, the inactivation of anaphase-promoting complex/cyclosome (APC/C) inhibitors, and the regulation of mitotic exit and cytokinesis.

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