

Product Datasheet

Phospho-PLK1 (T210) Antibody

Catalog No: CY5844

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB



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Information

UniProt ID: P53350

All Names: Cell cycle regulated protein kinase; PLK 1; PLK; Polo like kinase 1 ; Serine/threonine protein kinase 13; Serine/threonine protein kinase PLK1; STPK 13;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

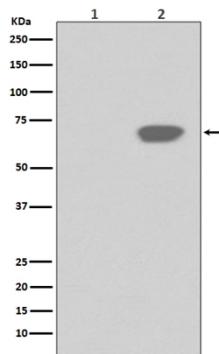
Molecular Wt.: 68 kDa

Application

WB 1:1000~1:2000

Background

Required for recovery after DNA damage checkpoint and entry into mitosis. Required for kinetochore localization of BUB1B. Phosphorylates SGOL1. Required for spindle pole localization of isoform 3 of SGOL1 and plays a role in regulating its centriole cohesion function. Phosphorylates BORA, and thereby promotes the degradation of BORA. Contributes to the regulation of AURKA function. Regulates TP53 stability through phosphorylation of TOPORS.



Western blot analysis of Phospho-PLK1 (T210) expression in (1) HeLa cell lysate; (2) HeLa cell treated with nocodazole lysate.

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