

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

PLK1 RABBIT MAB

Cat.#: N262735

Product Name: Anti-PLK1 Rabbit Monoclonal Antibody

Synonyms: PLK1; PLK; Serine/threonine-protein kinase PLK1; Polo-like kinase

1; PLK-1; Serine/threonine-protein kinase 13; STPK13

UNIPROT ID: P53350

Background: Required for recovery after DNA damage checkpoint and entry into mitosis. Required for kinetochore localization of BUB1B.

Phosphorylates SGOLI. Required for spindle pole localization of isoform 3 of SGOLI 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.

Immunogen: A synthetic peptide of human PLK1

Applications: WB,ICC/IF,IP

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R07-3E0

MW: Calculated MW: 68 kDa; Observed MW: 68 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Rat

Conjugation: Unconjugated

Modification: Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50%

glycerol, 0.5% BSA and 0.02% sodium azide

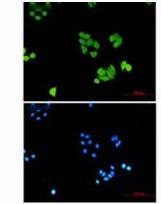
Research Areas: Cell Biology

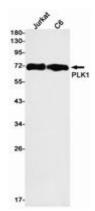
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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Immunocytochemistry analysis of PLK1 in PLK1 (green) in Hela using PLK1 Jurkat, C6 lysates using PLK1 antibody, and DAPI(blue) antibody.