

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries:

info@everestbiotech.com Sales: sales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB11523 - Goat Anti-PLK1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: cell cycle regulated protein kinase, OTTHUMP00000122462, PLK, PLK1, PLK-1, polo (Drosophia)-like kinase, polo like kinase, polo-like kinase 1, serine/threonine-protein kinase 13, serine/threonine-protein kinase PLK1, STPK13 Official Symbol: PLK1 Accession Number(s): NP_005021.2 Human GenelD(s): <u>5347</u>

Immunogen

Peptide with sequence TSGYIPARLPITC, from the internal region of the protein sequence according to NP_005021.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

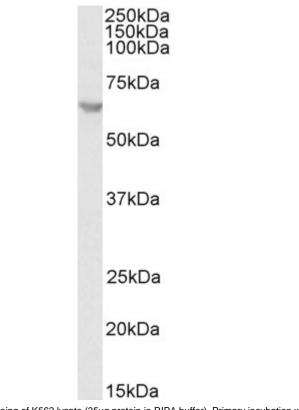
Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 65kDa band observed in lysates of cell line K562 (calculated MW of 68.3kDa according to NP_005021.2). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



EB11523 (1µg/ml) staining of K562 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.