



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB06969 - Goat Anti-PLK1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PLK1, polo-like kinase 1 (Drosophila), HGNC:9077, PLK, STPK13, cell cycle regulated protein kinase polo (Drosophila)-like kinase, polo like kinase, polo-like kinase, polo-like kinase (Drosophila)

**Official Symbol:** PLK1

**Accession Number(s):** NP\_005021.2

**Human GeneID(s):** [5347](#)

**Non-Human GeneID(s):** 18817 (mouse), 25515 (rat)

### Immunogen

Peptide with sequence C-DKLLSSRSASNRLK, from the C Terminus 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

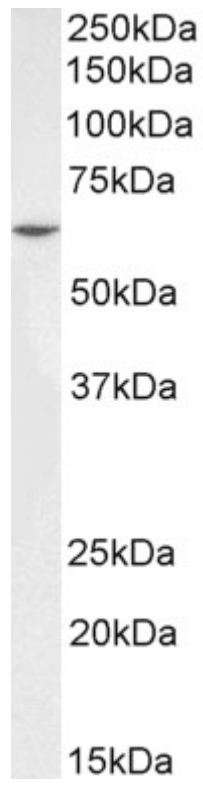
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**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



EB06969 (1 $\mu$ g/ml) staining of K562 lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.