



## International Office

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

## EB07940 - Goat Anti-PINK1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PINK1, PTEN induced putative kinase 1, BRPK, FLJ27236, PARK6, protein kinase BRPK, serine/threonine-protein kinase PINK1

**Official Symbol:** PINK1

**Accession Number(s):** NP\_115785.1

**Human GeneID(s):** [65018](#)

**Non-Human GeneID(s):** 68943 (mouse), 298575 (rat)

### Immunogen

Peptide with sequence C-QGKAHLESRSYQEAQ, from the internal region of the protein sequence according to NP\_115785.1.

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 1:16000.

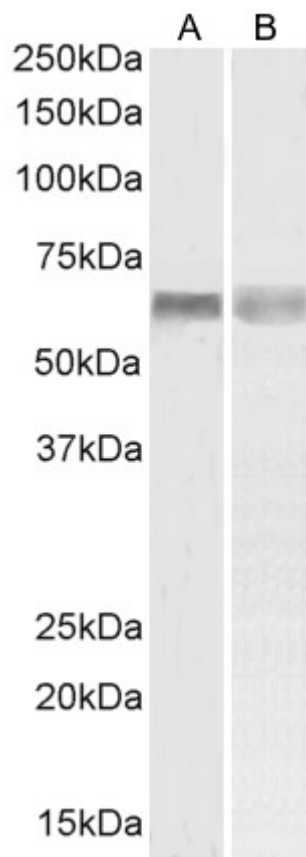
**Western blot:** Approx. 60-65kDa band observed in lysates of cell lines Jurkat and HeLa (calculated MW of 62.8kDa according to NP\_115785.1). Recommended concentration: 1-2µg/ml. Primary incubation 1 hour at room temperature.

**Flow Cytometry:** Flow cytometric analysis of Jurkat cells. Recommended concentration: 10ug/ml.

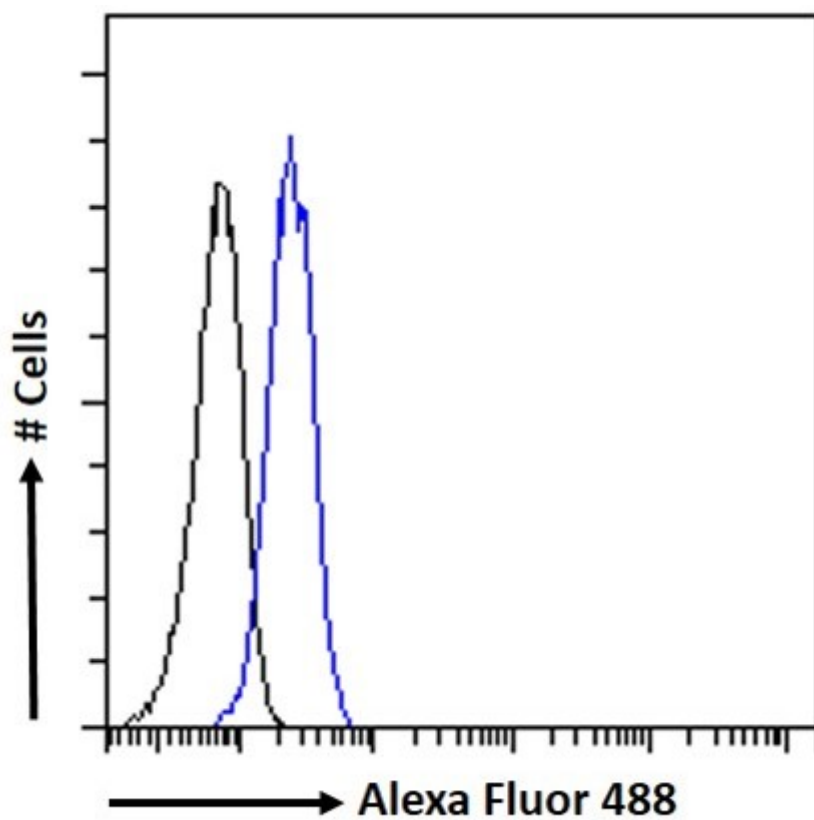
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB07940 (1 $\mu$ g/ml) staining of Jurkat (A) and (1.5 $\mu$ g/ml) HeLa (B) cell lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB07940 Flow cytometric analysis of paraformaldehyde fixed Jurkat cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 $\mu$ g/ml) followed by Alexa Fluor 488 secondary antibody (1 $\mu$ g/ml). IgG control:

Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.