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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.

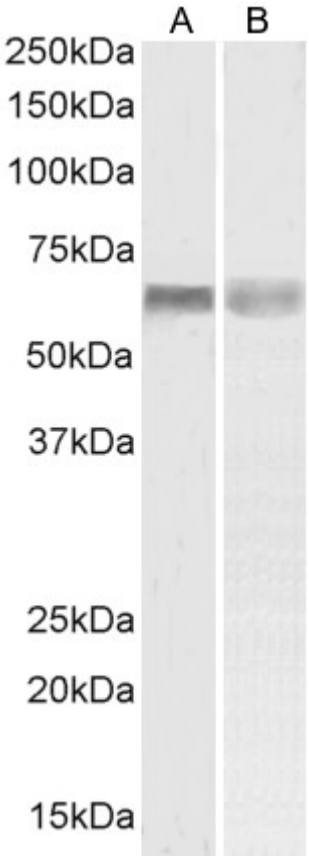
Applications Tested

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.

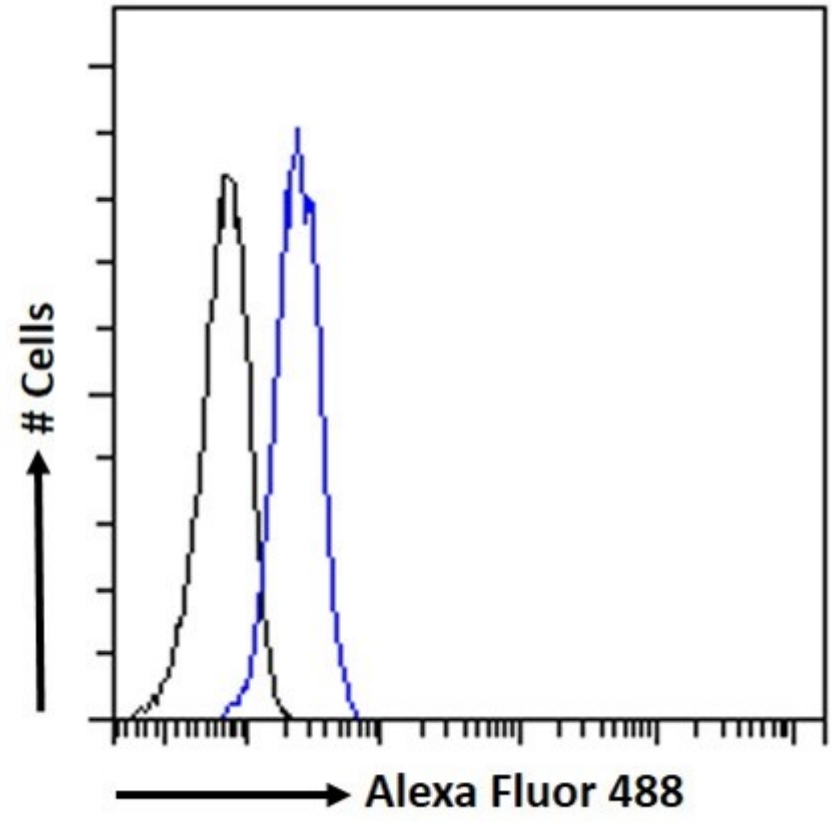
Flow Cytometry: Flow cytometric analysis of Jurkat cells. Recommended concentration: 10ug/ml.

Species Reactivity

Tested: Human
Expected from sequence similarity: Human



EB07940 (1µg/ml) staining of Jurkat (A) and (1.5µg/ml) HeLa (B) cell lysate (35µg 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 (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control:

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