



## UK Office

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

## EB05880-B - Goat Anti-PARK7 / DJ-1, biotinylated Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PARK7, parkinson protein 7, DJ-1, DJ1, HEL-S-67p, Parkinson disease (autosomal recessive, early onset) 7, epididymis secretory sperm binding protein Li 67p, oncogene DJ1, protein DJ-1, CTA-215D11.1, FLJ27376, FLJ34360, FLJ92274

**Official Symbol:** PARK7

**Accession Number(s):** NP\_009193.2

**Human GeneID(s):** [11315](#)

**Non-Human GeneID(s):** 57320 (mouse), 117287 (rat)

**Important Comments:** Reported variants represent identical protein: NP\_009193.2, NP\_001116849.1

### Immunogen

Peptide with sequence C-AAQVKAPLVKLD., from the C Terminus of the protein sequence according to NP\_009193.2.

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

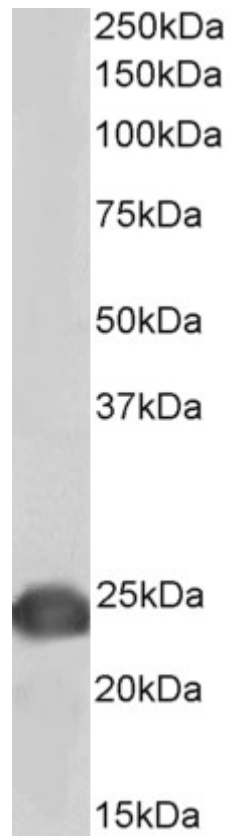
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**Western blot:** Approx 24kDa band observed in lysates of cell line Jurkat (calculated MW of 19.9kDa according to NP\_009193.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat



Biotinylated EB05880 (0.2 $\mu$ g/ml) staining of Jurkat lysate (35 $\mu$ g protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.