

## UK Office

### Everest Biotech Ltd

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

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

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

## EB06983 - Goat Anti-PDK1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PDK1, pyruvate dehydrogenase kinase, isoenzyme 1, HGNC:8809, mitochondrial pyruvate dehydrogenase kinase isoenzyme 1, pyruvate dehydrogenase kinase, isoenzyme 1, OTTHUMP00000205076, mitochondrial pyruvate dehydrogenase, lipoamide, kinase isoenzyme 1

**Official Symbol:** PDK1

**Accession Number(s):** NP\_002601.1

**Human GeneID(s):** [5163](#)

### Immunogen

Peptide with sequence C-DFKDKSAEDAK, from the internal region of the protein sequence according to NP\_002601.1.

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 1:1000.

**Western blot:** Approx 65-70kDa band observed in Rat Heart lysates (calculated MW of 49.2kDa according to NP\_002601.1). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Rat

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

EB06983 (1µg/ml) staining of Rat Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.