



Everest Biotech Ltd  
Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD, United Kingdom

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

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

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

Tel +44 1869 238326

Fax +44 1869 238327

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

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB06753 - Goat Anti-PDCD1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CD279, programmed death 1, hPD-I, hPD-1, SLEB2, PD1, HGNC:8760, programmed cell death 1, PDCD1

**Official Symbol:** PDCD1

**Accession Number(s):** NP\_005009.2

**Human GeneID(s):** [5133](#)

### Immunogen

Peptide with sequence C-GELDFQWREKTPE, from the internal region of the protein sequence according to NP\_005009.2.

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 1:16000.

**Western blot:** Approx 28-30kDa band observed in Human Bone Marrow lysates (calculated MW of 31.7kDa according to NP\_005009.1). Recommended concentration: 0.5-1.5µg/ml.

### Species Reactivity

**Tested:** Human

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



EB06753 (0.6 $\mu$ g/ml) staining of Human Bone Marrow lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.