



## International Office

### Everest Biotech Ltd

Vector Laboratories, Inc.  
6737 Mowry Ave  
Newark, CA 94560  
United States

Customer Service:

[customerservice@vectorlabs.com](mailto:customerservice@vectorlabs.com)

Technical Service:

[technical@vectorlabs.com](mailto:technical@vectorlabs.com)

Tel: +1 (800) 227-6666

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

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

## EB11582 - Goat Anti-PDCD4 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** H731, MGC33046, MGC33047, neoplastic transformation inhibitor protein, nuclear antigen H731, OTTHUMP00000020483, PDCD4, programmed cell death 4 (neoplastic transformation inhibitor), programmed cell death protein 4, protein 197/15a

**Official Symbol:** PDCD4

**Accession Number(s):** NP\_055271.2; NP\_663314.1; NP\_001186421.1

**Human GeneID(s):** [27250](#)

**Non-Human GeneID(s):** 18569 (mouse), 64031 (rat)

**Important Comments:** This antibody is expected to recognize all reported isoforms (NP\_055271.2; NP\_663314.1; NP\_001186421.1).

### Immunogen

Peptide with sequence DSYKGTVDVCVQAR, from the internal region of the protein sequence according to NP\_055271.2; NP\_663314.1; NP\_001186421.1.

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 1:128000.

**Western blot:** Approx 60kDa band observed in nuclear lysates of cell lines NIH3T3 and HeLa (calculated MW of 51.7kDa according to NP\_055271.2). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human, Mouse

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



EB11582 (1 $\mu$ g/ml) staining of nuclear NIH3T3 (A) and nuclear HeLa (B) lysates (35 $\mu$ g protein in RIPA buffer).  
Primary incubation was 1 hour. Detected by chemiluminescence.