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**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 DSYKGTVDCVQAR, 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 μ g/ml) staining of nuclear NIH3T3 (A) and nuclear HeLa (B) lysates (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.