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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, OTTHUMP0000020483, 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 GenelD(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

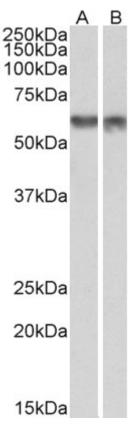
HeLa (calculated MW of 51.7kDa according to NP_055271.2). Recommended

concentration: 1-3µg/ml.

Species Reactivity

Tested: Human, Mouse

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



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