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Research Use Only. Not for diagnostic or therapeutic use.

EB11583 - Goat Anti-PDCD4 (aa210-221) 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 C-EGKASHREMTSK, 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 50kDa band observed in lysates of cell line HeLa (calculated MW of 50.2kDa according to NP_001186421.1). Recommended concentration: 0.1-0.3μg/ml. IHC: Paraffin embedded Human Prostate. Recommended concentration: 5μg/ml.

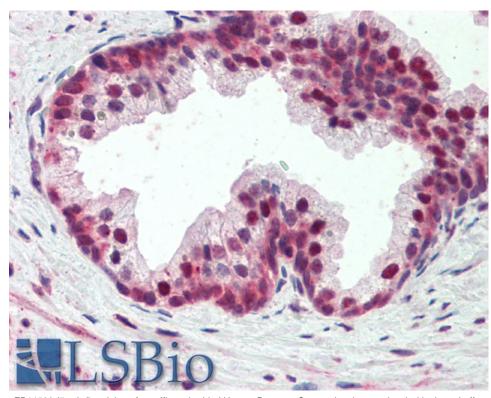
Species Reactivity

Tested: Human

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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB11583 (0.1 μ g/ml) staining of HeLa lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB11583 ($5\mu g/ml$) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.