

## Goat anti-PDCD4 (aa210-221) Antibody

<b>Item Number</b>	dAP-2686
<b>Target Molecule</b>	Principle Name: PDCD4 (aa210-221); Official Symbol: PDCD4; All Names and Symbols: PDCD4; programmed cell death 4 (neoplastic transformation inhibitor); H731; MGC33046; MGC33047; OT-THUMP00000020483; neoplastic transformation inhibitor protein; nuclear antigen H731; programmed cell death protein 4; protein 197/15a; Accession Number (s): NP_055271.2; NP_663314.1; NP_001186421.1; Human Gene ID(s): 27250; Non-Human GeneID(s): 18569 (mouse) 64031 (rat)
<b>Immunogen</b>	EGKASHREMTSK, is from internal region This antibody is expected to recognize all reported isoforms (NP_055271.2; NP_663314.1; NP_001186421.1).
<b>Applications</b>	Pep ELISA, WB, IHC  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	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.
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Prostate. Recommended concentration: 5µg/ml.
<b>Reference</b>	Reference(s): Zhang X, Wang X, Song X, Liu C, Shi Y, Wang Y, Afonja O, Ma C, Chen YH, Zhang L. Programmed cell death 4 enhances chemosensitivity of ovarian cancer cells by activating death receptor pathway in vitro and in vivo. Cancer Sci. 2010 Oct;101(10):2163-70..PMID: 20735432->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**