ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-PDCD4 Antibody

Item Number	dAP-2684
Target Molecule	Principle Name: PDCD4 ; Official Symbol: PDCD4; All Names and Symbols: PDCD4; programmed cell death 4 (neoplastic transformation inhibitor); H731; MGC33046; MGC33047; OTTHUMP00000020483; 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)
Immunogen	DSYKGTVDCVQAR, is from internal region This antibody is expected to recognize all reported isoforms (NP_055271.2; NP_663314.1; NP_001186421.1).
Applications	Pep ELISA, WB Species Tested: Human, Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconsititute 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	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.
IHC	
Reference	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

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