

Goat anti-CD274 / PD-L1 Antibody

Item Number	dAP-0602
Target Molecule	Principle Name: CD274 / PD-L1; Official Symbol: CD274; All Names and Symbols: CD274; CD274 antigen; PD-L1; PDCD1LG1; B7-H; B7H1; PDL1; PDCD1L1; programmed cell death 1 ligand 1; PDL1; HGNC:17635; CD274 molecule; MGC142294; MGC142296; Accession Number (s): NP_054862.1; NP_001254635.1; Human Gene ID(s): 29126; Non-Human GenelD(s):
Immunogen	CKKQSDTHLEET, is from C Terminus This antibody is expected to recognize reported isoforms a and b (NP_054862.1; NP_001254635.1) only.
Applications	Pep ELISA, WB, IHC Species Tested: Human
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; 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 40kDa band observed in Human Heart lysates (calculated MW of 33.3kDa according to NP_054862.1). The observed molecular weight corresponds to the glycosylated forms. Recommended concentration: 0.1-0.3µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Placenta shows membranous staining of cytotrophoblasts. Recommended concentration: 2-4µg/ml.

Reference Reference(s): Thompson RH, Gillett MD, Cheville JC, Lohse CM, Dong H, Webster WS, Krejci KG, Lobo JR, Sengupta S, Chen L, Zincke H, Blute ML, Strome SE, Leibovich BC, Kwon ED. Costimulatory B7-H1 in renal cell carcinoma patients: Indicator of tumor aggressiveness and potential therapeutic target. Proc Natl

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**