

AM05616RP-N**Monoclonal Antibody to CD273 / PDL2 - PE**

Alternate names:	B7DC, PD-1-ligand 2, PD-L2, PDCD1 ligand 2, PDCD1L2, PDCD1LG2, Programmed cell death 1 ligand 2, Programmed death ligand 2
Quantity:	100 Tests
Concentration:	0.1 mg/ml
Background:	CD273 functions to inhibit T-cell proliferation by blocking cell cycle progression and cytokine production, and is particularly important in the maintenance of self tolerance.
Uniprot ID:	Q9BQ51
NCBI:	NP_079515.2
GeneID:	80380
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10R (for use in human samples)
Clone:	MIH14
Immunogen:	Human B7-DC transfected L cells
Format:	State: Lyophilised Ig fraction Purification: Affinity chromatography on Protein G Buffer System: Phosphate buffered saline pH 7.4, 0.09% Sodium Azide (NaN ₃), 1% Bovine Serum Albumin Label: PE – R. Phycoerythrin (RPE) Reconstitution: Reconstitute with 1.0ml distilled water
Applications:	Flow Cytometry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects CD273, also known as B7-DC and Programmed Death Ligand 2 (PD-L2). CD273 is a 42kD member of the immunoglobulin receptor superfamily, and is a ligand for CD279 (PD-1). CD273 is primarily expressed on dendritic cells, and its expression can be induced on inflammatory macrophages when activated by interleukin 4 or Th2 cells. Species: Human. Other species not tested.
Storage:	Prior to and following reconstitution store the antibody at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
General Readings:	1. Konishi J, Yamazaki K, Azuma M, Kinoshita I, Dosaka-Akita H, Nishimura M. B7-H1 expression on non-small cell lung cancer cells and its relationship with tumor-infiltrating lymphocytes and their PD-1 expression. Clin Cancer Res. 2004 Aug

1;10(15):5094-100. PubMed PMID: 15297412.