

PDL-1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253699

Unit: 0.1 mg

Description:

Cell-mediated immune responses are initiated by T lymphocytes that are themselves stimulated by cognate peptides bound to MHC molecules on antigen-presenting cells (APC). T-cell activation is generally self-limited as activated T cells express receptors such as PD-1 (also known as PDCD-1) that mediate inhibitory signals from the APC. PD-1 can bind two different but related ligands, PDL-1 and PDL-2. PDL-1 is a B7-related protein that inhibits cell-mediated immune responses by reducing the secretion of IL-2 and IL-10 from memory T cells. This suggests that PDL-1 may be useful in reducing allogenic CD4+ memory T-cell responses to endothelial cells, thereby reducing the likelihood of host immune responses to allografts. At least two isoforms of PDL-1 are known to exist; this antibody is specific to the larger isoform. PDL-1 antibody has no cross-reactivity to PDL-2.

Isotype: Rabbit Ig

Applications: E, IF, IHC, WB

Species Reactivity: H, M, R

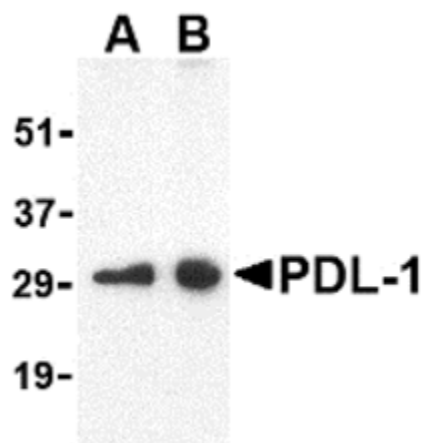
Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: PDL-1; Programmed cell death 1 ligand 1; programmed death ligand 1; PD-L1; B7-H1; PDCD1 ligand 1; B7 homolog 1; CD274; B7H1; PDCD1L1; PDCD1LG1; PDL1

Accession No.: NP_054862

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PDL-1.

Application Notes: E: 1:500-1:1,000; WB: 1:1,000-1:2,000; IHC: 1:100-1:500; IF: 1:20-1:50



Western blot analysis of PDL-1 in Raji cell lysate with PDL-1 Antibody (Cat. No. 253699) at (A) 0.5 and (B) 1 ug/ml.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.