

For Research Use Only

Anti-Mouse PD-L1/CD274 (10F.9G2) Rat IgG2a Recombinant Antibody, PBS Only

Catalog Number: 65685-2-PBS



Basic Information

Catalog Number:

65685-2-PBS

Size:

1mg, 3 mg/ml

Source:

Rat

Isotype:

IgG2a

GenBank Accession Number:

BC066841

GeneID (NCBI):

60533

UNIPROT ID:

Q9EP73

Full Name:

CD274 antigen

Purification Method:

Protein A purification

CloneNo.:

10F.9G2

Applications

Tested Applications:

FC

Species Specificity:

mouse

Background Information

Programmed cell death ligand 1 (PD-L1, CD274, or B7-H1), is the first member of B7 family to be discovered. B7 family molecules are type I transmembrane proteins belonging to the immunoglobulin superfamily. In concert with their CD28 family receptors, the B7s are key regulators of the adaptive immune response. PD-L1 is suggested as a negative regulator of T and B cell, and plays important role in mediating tolerance of lymphocytes to self-antigens. It is also involved in the costimulatory signal, essential for T-cell proliferation and production of IL10 and IFNG, in an IL2-dependent and a PD-1-independent manner.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

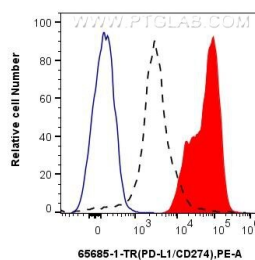
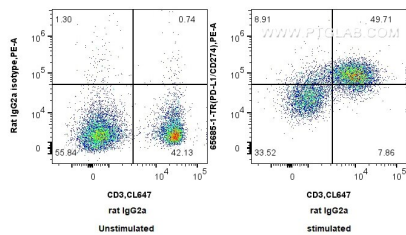
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Selected Validation Data



1×10^6 untreated or anti-CD3/CD28 treated mouse splenocytes were surface stained with 0.25 ug Anti-Mouse PD-L1/CD274 (10F.9G2) Rat IgG2a RecAb (65685-1-TR, Clone: 10F.9G2) and PE anti-rat IgG2a Antibody. Cells were co-stained with APC Anti-Mouse CD3. Cells were not fixed. This data was developed using the same antibody clone with 65685-2-PBS in a different storage buffer formulation.

1×10^6 anti-CD3/CD28 treated mouse splenocytes were surface stained with 0.25 ug Anti-Mouse PD-L1/CD274 (10F.9G2) Rat IgG2a RecAb (65685-1-TR, Clone: 10F.9G2) (red) or Rat IgG2a Isotype Control (2A3) (65209-1-Ig, Clone: 2A3) (blue), and PE anti-rat IgG2a Antibody. 1×10^6 untreated mouse splenocytes were surface stained with 0.25 ug Anti-Mouse PD-L1/CD274 (10F.9G2) Rat IgG2a RecAb (65685-1-TR, Clone: 10F.9G2) (black, dashed) and PE anti-rat IgG2a

