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10-7562-F: Monoclonal Antibody to Human PD-L1 (Clone: ABM4E54) FITC Conjugated

Clonality: Monoclonal **Clone Name:** ABM4E54 FACS Application: Reactivity: Human Conjugate: FITC Gene: CD274 Gene ID: 29126 **Uniprot ID:** Q9NZQ7 Format: **Purified**

Alternative Name: CD274,B7H1,PDCD1L1,PDCD1LG1,PDL1

Isotype: Mouse IgG2a Kappa

Immunogen Information: A partial length recombinant PDL1 protein (amino acids 18-227) was used as the immunogen

for this antibody.

Description

PD-L1 (CD274/B7-H1) is a critical membrane-bound costimulatory molecule belonging to the B7 superfamily that inhibits immune responses through its receptor, PD-1. PD-L1 plays a key role in the pathogenesis of inflammatory diseases (programmed death 1). It is widely expressed in the mononuclear phagocyte system (MPS), may co-stimulate T cells, and regulates inflammatory responses. PD-L1 exerts inflammation regulatory functions via a negative co-stimulatory effect on T cell functions to inhibit cytokine secretion, facilitate apoptosis of activated T cells, and induce T cell anergy. Aberrant expression and dysregulation of CD274 have been reported during bacterial infection, inflammation, and in numerous autoimmune diseases.

Product Info

Amount : 100 μg

Purification: Protein G Chromatography

Content: 25 ug in 125 ul /100 μg in 500 μl Tris 0.05% sodium azide. Sodium azide is highly toxic.

Storage condition : Store the antibody at 4°C; stable for 6 months.

Application Note

FACS: 1-2 µg/ml



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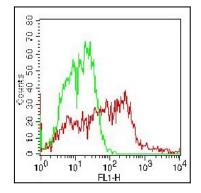


Fig-1: Cell Surface FLOW analysis of PD-L1 FITC in PHA treated human PBMC using 1 μ g of FITC conjugated PD-L1 antibody (Clone: ABM4E54). Green represents isotype control (ABEOMICS); red represents anti-PD-L1 (10-7562-F) antibody.