

**CD273 monoclonal antibody**

Catalog: MB65824

Host: Mouse

Reactivity: Human

BackGround:

Programmed cell death 1 ligand 2 (PD-L2, B7-DC, CD273) is a member of the B7 family of cell surface ligands that regulate T-cell activation and immune responses. PD-L2 binds the PD-1 transmembrane receptor and inhibits T-cell activation. PD-L2 was discovered following a search for novel B7 protein homologs and was later shown to be expressed by activated dendritic cells, macrophages, and T-cells. Similar in structure to related B7 family members, PD-L2 protein contains extracellular IgV and IgC2 domains, a transmembrane domain, and a short, cytoplasmic region. Research studies demonstrate that PD-L2 is expressed in several tumor types, including lung cancer, renal cell carcinoma, melanoma, Hodgkin's lymphoma and primary mediastinal large B-cell lymphoma.

Product:

Mouse IgG1 kappa. Liquid in PBS, pH 7.3, and 0.02% sodium azide.

Molecular Weight:

~ 30 kDa

Swiss-Prot:

Q9BQ51

Purification&Purity:

The monoclonal antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IF (1/50 - 1/200)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes human CD273

DATA:**Note:**

For research use only, not for use in diagnostic procedure.

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