

### 30-1091: Anti-CD274 / PD-L1 Monoclonal Antibody (Clone:29E.2A3)

|                                |                                  |
|--------------------------------|----------------------------------|
| <b>Clonality :</b>             | Monoclonal                       |
| <b>Clone Name :</b>            | 29E.2A3                          |
| <b>Application :</b>           | FACS                             |
| <b>Reactivity :</b>            | Human                            |
| <b>Gene :</b>                  | CD274                            |
| <b>Gene ID :</b>               | 29126                            |
| <b>Uniprot ID :</b>            | Q9NZQ7                           |
| <b>Format :</b>                | Purified                         |
| <b>Alternative Name :</b>      | CD274,B7H1,PDCD1L1,PDCD1LG1,PDL1 |
| <b>Isotype :</b>               | Mouse IgG2b                      |
| <b>Immunogen Information :</b> | Full length human CD274          |

#### Description

CD274 / PD-L1 (programmed death ligand-1), also known as B7-H1, is a member of the B7 family of regulatory proteins. It can act as both costimulatory and coinhibitory molecule for T cells. Interaction with its ligand CD279 (PD1) appears to be important in the maintenance of peripheral tolerance and in prevention of tumor rejection. Even pathogens (e.g. Schistosoma) may exploit CD274 to evade an immune response. Besides CD279, existence of other receptor(s) for CD274 is likely.

#### Product Info

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 0.1 mg  |
| <b>Purification :</b>      | Purified by protein-A affinity chromatography |
| <b>Storage condition :</b> | Store at 2-8°C. Do not freeze.                |

#### Application Note

**Flow Cytometry Immunohistochemistry (frozen sections)** acetone fixation **Functional Application** blocking