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## 30-1091-PE-Cy7: Anti-Hu CD274 PE-Cy7

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| **Clonality :** | Monoclonal |
| **Clone Name :** | 29E.2A3 |
| **Application :** | FC (QC tested) |
| **Reactivity :** | Non-human primates, Human |
| **Gene :** | CD274 |
| **Gene ID :** | 29126 |
| **Uniprot ID :** | Q9NZQ7 |
| **Format :** | PE-Cy7 |
| **Alternative Name :** | B7H1, PDL1, PDCD1L1, PDCD1LG1, PDCD1 ligand 1, B7-H1 |
| **Isotype :** | Mouse IgG2b kappa |
| **Immunogen Information :** | Full length human CD274 |

## Description

The mouse monoclonal antibody 29E.2A3 recognizes an extracellular epitope of CD274 / PD-L1 (also known as B7-H1), a 40 kDa type I transmembrane protein expressed by dendritic cells, activated T cells, activated monocytes, and in various tissues, above all in heart and skeletal muscle, placenta and lung, and in many cancer cells, including T cell lymphomas, melanomas, and glioblastomas.

## Product Info

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| **Amount :** | 100 Tests (T100) |
| **Purification :** | Purified antibody is conjugated with activated tandem dye of R-phycoerythrin-cyanine 7 (PE-Cy?7) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography. |
| **Content :** | Concentration:-<br>Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide |
| **Storage condition :** | Store at 2-8 degree C. Protect from prolonged exposure to light. Do not freeze. |

## Application Note

Flow cytometry: The reagent is designed for analysis of human blood cells using 4 ul reagent / 100 ul of whole blood or $10^6$ cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***