



| | | |
|-----------------------|--|---------------|
| | Technical Data Sheet | |
| Product | Anti-Hu CD274 Biotin | |
| Cat. Number/Size | 1B-177-C100 | 0.1 mg |
| | For Research Use Only. | |
| | Not for use in diagnostic or therapeutic procedures. | |
| Antigen | CD274 | |
| Clone | 29E.2A3 | |
| Format | Biotin | |
| Reactivity | Non-human primates, Human | |
| Application | FC (QC tested), IHC | |
| Application details | Flow cytometry: Recommended dilution: 0.5-4 µg/ml. | |
| Isotype | Mouse IgG2b kappa | |
| Specificity | 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. | |
| Other names | B7H1, PDL1, PDCD1L1, PDCD1LG1, PDCD1 ligand 1, B7-H1 | |
| Immunogen | Full length human CD274 | |
| Entrez Gene ID | 29126 | |
| Gene name | CD274 | |
| NCBI Full Gene Name | CD274 molecule | |
| UniProt ID | Q9NZQ7 | |
| Concentration | 1 mg/ml | |
| Preparation | Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography. | |
| Formulation | Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide | |
| Storage and handling | Store at 2-8°C. Do not freeze. | |
| Images and References | www.exbio.cz | |

The product is intended For Research Use Only. Diagnostic or therapeutic applications are strictly forbidden. Products shall not be used for resale or transfer to third parties either as a stand-alone product or as a manufacture component of another product without written consent of EXBIO Praha, a.s. EXBIO Praha, a.s. will not be held responsible for patent infringement or any other violations of intellectual property rights that may occur with the use of the products. Orders for all products are accepted subject to the Term and Conditions available at www.exbio.cz. EXBIO, EXBIO Logo, and all other trademarks are property of EXBIO Praha, a.s.