



	Technical Data Sheet	
Product	Anti-Hu CD273 PE-Cy™7	
Cat. Number/Size	T7-178-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD273	
Clone	24F.10C12	
Format	PE-Cy™7	
Reactivity	Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG2a kappa	
Specificity	The mouse monoclonal antibody 24F.10C12 recognizes an extracellular epitope of CD273 / PD-L2 (also known as B7-DC), a 25 kDa type I transmembrane protein expressed by dendritic cells, activated monocytes and T cells, heart, first trimester placenta, lung and liver, as well as in Hodgkin´s lymphoma cells and primary mediastinal B cell lymphoma (PMBL).	
Other names	PDCD1LG2, B7DC, Btdc, PDL2, PDCD1L2, bA574F11.2, Butyrophilin, B7-DC,	
Immunogen	human CD273 cDNA	
Entrez Gene ID	80380	
Gene name	PDCD1LG2	
NCBI Full Gene Name	programmed cell death 1 ligand 2	
UniProt ID	Q9BQ51	
Preparation	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.	
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.	
Images and References	www.exbio.cz	

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