



	Technical Data Sheet	
Product	<b>Anti-Hu CD274 Purified Low Endotoxin</b>	
Cat. Number/Size	<b>12-177-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	
Antigen	CD274	
Clone	29E.2A3	
Format	Purified Low Endotoxin	
Reactivity	Non-human primates, Human	
Application	IHC-F, FC (QC tested), FUNC	
Application details	Functional application: Blocking. Immunohistochemistry (frozen sections): Acetone fixation. Flow cytometry: Recommended dilution: 1-4 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 by protein-A affinity chromatography.	
Formulation	Phosphate buffered saline (PBS), pH 7.4	
Storage and handling	Store at 2-8°C. Do not freeze.	
Images and References	<a href="http://www.exbio.cz">www.exbio.cz</a>	

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