

PD-L1 Monoclonal Antibody (MIH2), FITC

Catalog NumberMA5-16841

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Mouse / IgG1	Tested Applications	Dilution *
Class	Monoclonal		
Type	Antibody	Flow Cytometry (Flow)	Neat-1:10
Clone	MIH2	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Immunogen	Human CD274 transfected P815 cells		
Conjugate	FITC		
Form	Liquid		
Concentration	0.1 mg/mL		
Storage Conditions	4°C or -20°C if preferred, store in dark		

Product specific information

For FACS analysis, use 10ul of the suggested working dilution to label 1x10^6 cells in 100ul.

Background/Target Information

Programmed death receptor ligand 1 (PD-L1, also called B7-H1) is a recently described B7 family member. To date, one specific receptor has been identified that can be ligated by PD-L1. This receptor, programmed death receptor 1 (PD-1), has been shown to negatively regulate T-cell receptor (TCR) signaling. Upon ligating its receptor, PD-L1 has been reported to decrease TCR-mediated proliferation and cytokine production. PD-L1 expression was found to be abundant on many murine and human cancers and could be further up-regulated upon IFN-gamma stimulation. Thus, PD-L1 might play an important role in tumor immune evasion.

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