

产品概述

产品名 (Product Name)	Anti PDL1 mouse monoclonal antibody
货号 (Catalog No.)	ATMA10102Mo
种类 (Category)	Primary antibody
宿主 (Host)	Mouse
反应种属 (Species specificity)	Homo sapiens (Human)
克隆性 (Clonality)	Monoclonal
克隆编号 (Clone No.)	18H5
偶连物 (Conjugation)	Unconjugated
免疫原 (Immunogen)	Plasmid of full length human PDL1
别名	B7 homolog 1,B7-H,B7-H1,B7H1,PD-L1,PDL1,CD274
Uniprot ID	Q9NZQ7

产品性能

状态 (Form)	Liquid
储存溶液 (Buffer)	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
存放条件 (Storage)	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4 °C for frequent use. Store at -20 to -80 °C for twelve months from the date of receipt.
浓度 (Concentration)	0.5mg/ml
亚型 (Isotype)	IgG2b
分子量 (MW)	33kDa
纯化方式 (Purity)	Protein G purified from mice ascites

应用

FACS:1:100-1:200

产品背景

Programmed cell death ligand 1 (PD-L1, CD274, or B7-H1), is the first member of B7 family to be discovered. B7 family molecules are type I transmembrane proteins belonging to the immunoglobulin superfamily. In concert with their CD28 family

receptors, the B7s are key regulators of the adaptive immune response. PD-L1 is suggested as a negative regulator of T and B cell, and plays important role in mediating tolerance of lymphocytes to self-antigens. It is also involved in the costimulatory signal, essential for T-cell proliferation and production of IL10 and IFNG, in an IL2-dependent and a PD-1-independent manner. PD-L1 is a 290 aa transmembrane protein with a calculated molecular weight of 33 kDa, it is predicted to be 27-30 kDa after signal peptide cleavage (PMID: 25609200; 17076679). The apparent molecular weight has also been reported as 45-70 kDa, major glycosylated form of 45-50 kDa and multiple post-translational modifications form of 65-70 kDa (PMID: 18760278; 16493058).