ARG66227
anti-CD273 / PD-L2 antibody [24F.10C12]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [24F.10C12] recognizes CD273 / PD-L2
Tested Reactivity	Hu
Tested Application	CyTOF®-candidate, FACS, FuncSt, IHC-Fr
Specificity	This antibody recognizes 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).
Host	Mouse
Clonality	Monoclonal
Clone	24F.10C12
Isotype	IgG2a
Target Name	CD273 / PD-L2
Species	Human
Immunogen	Human CD273.
Conjugation	Un-conjugated
Alternate Names	B7DC; bA574F11.2; PDL2; CD antigen CD273; PD-L2; Programmed cell death 1 ligand 2; CD273; Btdc; PDCD1L2; Programmed death ligand 2; Butyrophilin B7-DC; B7-DC; PD-1 ligand 2; PDCD1 ligand 2

Application Instructions

Application table

Application	Dilution
CyTOF®-candidate	Assay-dependent
FACS	1 - 4 µg/ml
FuncSt	Assay-dependent
IHC-Fr	Assay-dependent

Application Note: Functional study: anti-CD273 / PD-L2 antibody [24F.10C12] can be used to block PD-1 binding to its ligand.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purification with Protein A.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4) and 15 mM Sodium azide.

Preservative	15 mM Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	PDCD1LG2
Gene Full Name	programmed cell death 1 ligand 2
Function	Involved in the costimulatory signal, essential for T-cell proliferation and IFNG production in a PDCD1-independent manner. Interaction with PDCD1 inhibits T-cell proliferation by blocking cell cycle progression and cytokine production (By similarity). [UniProt]
Highlight	Related products: PD-L2 antibodies; PD-L2 ELISA Kits; Anti-Mouse IgG secondary antibodies; Related news: CyTOF-candidate Antibodies The best solution for PD-1/PD-L1 research
Calculated Mw	31 kDa