

Product datasheet

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ARG24099 anti-CD273 / PD-L2 antibody [4E10]

Package: 50 μg Store at: -20°C

Summary

Product Description Mouse Monoclonal antibody [4E10] recognizes CD273 / PD-L2

Tested Reactivity Hu, Ms
Predict Reactivity Rat

Tested Application FACS, ICC/IF, IHC-P, WB

Host Mouse

Clonality Monoclonal

Clone 4E10
Isotype IgG1

Target Name CD273 / PD-L2

Species Human

Immunogen Recombinant protein fragment within extracellular domain of Human CD273/PD-L2.

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
	FACS	5 - 20 μg/mL
	ICC/IF	2 - 20 μg/mL
	IHC-P	2 - 20 μg/mL
	WB	0.5 - 1 μg/mL
Application Note	IHC-P: Antigen Retrieval:Heat mediated was performed using Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	~30 - 50 kDa	

Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide

Stabilizer 50% Glycerol

Concentration Batch dependent

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;

Related news:

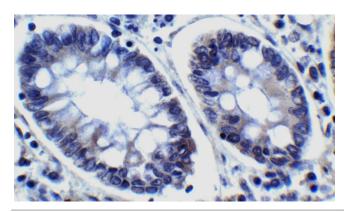
The best solution for PD-1/PD-L1 research

Calculated Mw 31 kDa

PTM Disulfide bond; Glycoprotein

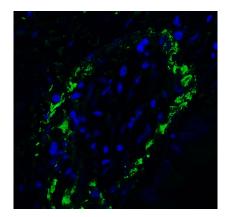
Cellular Localization Cell membrane; Membrane; Secreted

Images



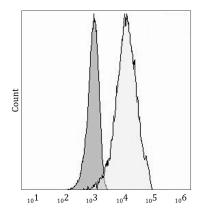
ARG24099 anti-CD273 / PD-L2 antibody [4E10] UHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human colon carcinoma stained with ARG24099 anti-CD273 / PD-L2 antibody [4E10].



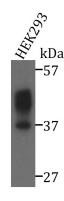
ARG24099 anti-CD273 / PD-L2 antibody [4E10] ICC/IF image

Immunofluorescence: Human colon tissue stained with ARG24099 anti-CD273 / PD-L2 antibody [4E10].



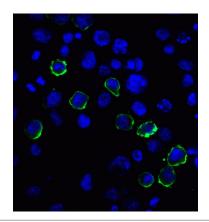
ARG24099 anti-CD273 / PD-L2 antibody [4E10] FACS image

Flow Cytometry: HEK293 cells stained with ARG24099 anti-CD273 / PD-L2 antibody [4E10] (white). Unlabelled sample (gray) was used as a control.



ARG24099 anti-CD273 / PD-L2 antibody [4E10] WB image

Western blot: HEK293 cells were stained with ARG24099 anti-CD273 $\,$ / PD-L2 antibody [4E10].



ARG24099 anti-CD273 / PD-L2 antibody [4E10] ICC/IF image

Immunofluorescence: HEK293 cells stained with ARG24099 anti-CD273 / PD-L2 antibody [4E10].