

Anti-Human CD279 (PD-1) (Nivolumab) - APC Biosimilar

IVMB0435

Description

This Anti-Human CD279 (PD-1) (Nivolumab) - APC Biosimilar is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	IVMB0435
Contents:	50ug Bradford Reagent: 1 vial (2ml)
Synonyms:	PD1, PD-1, CD279, SLEB2, hPD-1, hPD-l, hSLE1
Category:	Biosimilar Recombinant Human Monoclonal Antibody
Target:	PD-1
Clone:	5C4.B8
Isotype:	Human IgG1κ
Applications:	FC IHC
Specificity:	This non-therapeutic biosimilar antibody uses the same variable region sequence as the therapeutic antibody Nivolumab. Clone 5C4.B8 binds to the extracellular portion of Human/Cynomolgus PD-1 and does not bind to other IgG superfamily proteins. This product is for research use only.

Antibody Data

Reactivity:	Cynomolgus Monkey, Human
Host species:	Human
Expression Host:	HEK-293 Cells

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

Immunogen:	Human PD-1
Product concentration:	0.2 mg/ml
Endotoxin Level:	< 1.0 EU/mg as determined by the LAL method
Purity:	-
Formulation:	This Allophycocyanin (APC) conjugate is formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.4, 1% BSA and 0.09% sodium azide as a preservative.

Preparation & Storage

Storage: This Allophycocyanin (APC) conjugate is stable when stored at 2-8°C. Do not freeze.
Store Bradford Reagent at Room Temperature for 1 Year.

Shipping: Next Day 2-8°C

Preparation: -

Recommended Dilution Buffer: -

Recommended Usage:	Application	Recommended Usage
	FC	The suggested concentration for Nivolumab biosimilar antibody for staining cells in flow cytometry is $\leq 1.0 \mu\text{g}$ per 10^6 cells in a volume of 100 μl . Titration of the reagent is recommended for optimal performance for each application.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol