

Nivolumab Biosimilar - PE Research Grade

Nivolumab Biosimilar - Research Grade: PE

Unconjugated Product:

[Nivolumab Biosimilar - Research Grade](#)

Conjugate:

R-phycoerythrin (R-PE)

Target:

PD-1

Clone:

n/a

Isotype:

IgG4 kappa

Other Names:

Programmed cell death protein 1, Pdc1, CD279

Host:

CHO Cells

Species Reactivity:

Human

Specificity:

Detects human PD-1.

Background:

Nivolumab biosimilar is a human monoclonal antibody that blocks the interaction between PD-1 and its ligands, PD-L1 and PD-L2. Nivolumab is an IgG4 kappa immunoglobulin that has a calculated molecular mass of 146 kDa. It is expressed in a recombinant Chinese Hamster Ovary (CHO) cell line.

Concentration:

0.2 mg/ml

**Formulation:**

This PE 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.

Storage:

This PE conjugate is stable when stored at 2-8°C. Do not freeze.

Applications:

Flow Cytometry, IHC

Application Notes:

Excitation laser: Blue Laser (488 nm) and/or Green Laser (532 nm)/Yellow-Green Laser (561 nm). Each investigator should determine their own optimal working dilution for specific applications.

Use: ichorbio's Nivolumab biosimilar is for research use only (RUO). **Isotype Control:**

[Bulk Human IgG4 Isotype Control S228P \(IB4\) \[ICH2257S228P\]](#)