



Human Anti-Human PD-1 (Nivolumab) Monoclonal Antibody, clone 5C4.B8 [Biosimilar] (CABT-Z633H)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Detects human PD-1. This non-therapeutic antibody uses the same variable region sequence as the therapeutic antibody Nivolumab.
Immunogen	Human PD-1
Isotype	IgG4, κ
Source/Host	Human
Species Reactivity	Human
Clone	5C4.B8
Purification	Protein A or G purified
Conjugate	Functional Grade
Applications	FA
Format	Liquid
Concentration	Lot specific
Size	5 mg
Buffer	0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added. BSA and Azide free. Endotoxin Level ≤ 0.75 EU/mg as determined by the LAL method

Preservative	None
Storage	Store at 2-8°C for short term; -80°C for long term. Avoid freeze / thaw cycle.
Ship	Wet ice

BACKGROUND

Introduction	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.
Keywords	CD279;CD279 antigen;hPD 1;hPD I;hPD-1;hSLE1

GENE INFORMATION

Gene Name	PDCD1
Entrez Gene ID	5133
UniProt ID	Q15116