



# Human Anti-Human PD-1 (Pembrolizumab) Monoclonal Antibody, clone Pembrolizumab [Biosimilar] (CABT-Z698H)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Detects human PD-1. This non-therapeutic antibody uses the same variable region sequence as the therapeutic antibody Pembrolizumab.
<b>Immunogen</b>	Human PD-1
<b>Isotype</b>	IgG4, κ
<b>Source/Host</b>	Human
<b>Species Reactivity</b>	Human
<b>Clone</b>	Pembrolizumab
<b>Purification</b>	Protein A or G purified
<b>Conjugate</b>	Functional Grade
<b>Applications</b>	FA
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	5 mg
<b>Buffer</b>	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

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

## BACKGROUND

<b>Introduction</b>	Pembrolizumab biosimilar is a humanized monoclonal antibody that blocks the interaction between PD-1 and its ligands, PD-L1 and PD-L2. It is an IgG4 kappa immunoglobulin with an approximate molecular weight of 149 kDa.
<b>Keywords</b>	CD279;CD279 antigen;hPD 1;hPD I;hPD-1;hSLE1

## GENE INFORMATION

<b>Gene Name</b>	PDCD1
<b>Entrez Gene ID</b>	<a href="#">5133</a>
<b>UniProt ID</b>	<a href="#">Q15116</a>