

## Anti-PD-1, Humanized Antibody (Nv7)

<b>CATALOG NO:</b>	A1307-100
<b>ALTERNATE NAMES:</b>	Programmed Cell Death 1; CD279; SLEB2; HPD-L; PDCD1
<b>AMOUNT:</b>	100 µg
<b>IMMUNOGEN:</b>	Human programmed cell death 1 receptor (PD-1)
<b>HOST/ISOTYPE:</b>	Human IgG4
<b>CLONALITY:</b>	Monoclonal
<b>SOURCE:</b>	CHO cells
<b>ENDOTOXIN LEVELS:</b>	≤ 1 EU/mg
<b>SPECIES REACTIVITY:</b>	Human
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	Supplied in phosphate buffered saline, pH 7.2
<b>STORAGE CONDITIONS:</b>	Store the undiluted solution at 4 °C in the dark. Avoid repeated freeze-thaw cycles
<b>SPECIFICITY:</b>	This research-grade biosimilar is a human monoclonal antibody that targets programmed cell death protein 1 (PD-1).
<b>DESCRIPTION:</b>	<p>PD-1 is an important immune checkpoint protein expressed on activated T-cells, B-cells, and macrophages. PD-1 is involved in the regulation of T cell functions, including those of effector CD8-positive T cells. PD-1 can also promote the differentiation of CD4-positive T cells into T regulatory cells, and is involved in safeguarding against autoimmunity. Binding of PD-1 to its ligands PD-L1 and PD-L2 prevent T-cell activation and cytokine production. PD-1 is expressed in many types of tumors including melanomas, and has been shown to play a role in anti-tumor immunity.</p> <p><b>Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.</b></p>

### RELATED PRODUCTS:

- Anti-VEGF, Humanized Antibody (**Cat. No. A1045-100**)
- Anti-EGFR, Chimeric Antibody (**Cat. No. A1047-100**)
- Anti-HER2, Humanized Antibody (**Cat. No. A1046-100**)
- Anti-CD20, Chimeric Antibody (**Cat. No. A1049-100**)
- Anti-EGFR, Humanized Antibody (**Cat. No. A1050-100**)
- Anti-PD-L1, Humanized Antibody (**Cat. No. A1305-100**)
- Anti-PD-1, Humanized Antibody (**Cat. No. A1306-100**)

**FOR RESEARCH USE ONLY! Not to be used on humans.**