

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

rev 11/21

CATALOG NO.: A2117-50 (50 µg)

BACKGROUND DESCRIPTION: 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.

ANTIBODY TYPE: Monoclonal

HOST/ISOTYPE: Human / IgG4

SOURCE: CHO cells

IMMUNOGEN: Human programmed cell death 1 receptor (PD1)

PURIFICATION: Affinity purified

FORM: Liquid

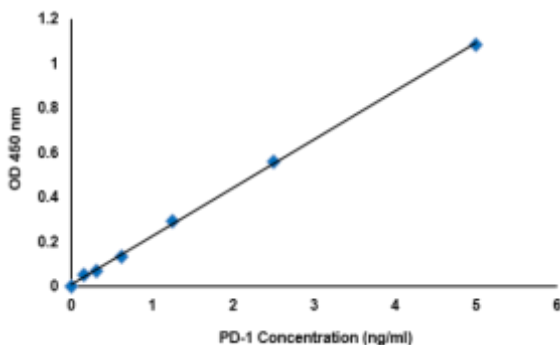
FORMULATION: In PBS, pH 7.2, 30% glycerol, 0.5% BSA, 0.5 mM EDTA and 0.03% proclin

SPECIES REACTIVITY: Human

STORAGE CONDITIONS: Store at -20 °C. Avoid freeze / thaw cycles

APPLICATIONS AND USAGE: ELISA (1 µg)

This information is only intended as a guide. The optimal dilutions must be determined by the user



Direct ELISA shows that Anti-PD-1 Biotinylated antibody can bind to immobilized recombinant human PD-1 with a linear range of 0-5 ng/ml.

RELATED PRODUCTS:

Anti-PD-1 Antibody (A1384)
 Anti-PD-1, Humanized Antibody (A1307)
 Anti-PD-1, Humanized Antibody (A1306)
 Anti-PD-1 Biotinylated Antibody (A2073)

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