

Anti-PD-1, Humanized Antibody (Tp2)

rev 11/21

CATALOG NO.: A2161-100 (100 µg)

BACKGROUND DESCRIPTION: The research-grade biosimilar is a humanized IgG4 recombinant monoclonal antibody that binds to programmed death receptor-1 (PD-1). 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.

ALTERNATE NAMES: PD1, PDCD1, CD279, SLEB2, hPD-1, hPD-I, hSLE1

ANTIBODY TYPE: Monoclonal

HOST/ISOTYPE: Recombinant / IgG4, kappa

SOURCE: CHO cells

IMMUNOGEN: Human PD-1

PURIFICATION: Protein A purified

FORM: Liquid

FORMULATION: In PBS, pH 7.5

SPECIES REACTIVITY: Human

STORAGE CONDITIONS: Store at -80 °C

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

RELATED PRODUCTS:

Anti-PD-1, Humanized Antibody (A1307)
Anti-PD-1, Human IgG4 Antibody (A2156)
Anti-PD-1, Humanized Antibody (A2132)
Anti-PD-1, Humanized Antibody (A2131)
Anti-PD-1, Humanized Antibody (A1306)

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