



Human PD-1-hIgG1

Cat No.:	03-04-0079
Product Name:	Human PD-1-hIgG1
Description:	<p>Programmed cell death protein 1, also known as PD-1 and CD279, functions as an immune checkpoint, plays an important role in down regulating the immune system by preventing the activation of T-cells, which in turn reduces autoimmunity and promotes self-tolerance, by interaction with its ligands PD-L1/PD-L2 on APC/Treg (or cancer) cells. The inhibitory effect of PD-1 is accomplished through a dual mechanism of promoting apoptosis (programmed cell death) in antigen specific T-cells in lymph nodes while simultaneously reducing apoptosis in regulatory T cells (suppressor T cells).</p>
Type:	Protein
Property:	Protein
Source:	HEK293
Genbank No.:	Q15116 (aa.21-170)
Applications:	WB,ELISA,Immunogen
Purity:	>95%
Storage:	Store at -80°C,Avoid freeze / thaw cycle.
Limitation:	For research use only,not for use in diagnostic procedures.
Reference:	CD279