Mouse PD-1-mIgG1

Cat No.:	03-04-0083
Product Name:	Mouse PD-1-mIgG1
Description:	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).
Type:	Protein
Property:	Protein
Source:	HEK293
Genbank No.:	Q02242 (aa.21-169)
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.