Datasheet for ABIN7321268

PD-L1 Protein (His tag)

1 Image

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Overview

Quantity:	50 µg
Target:	PD-L1
Origin:	Rat
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PD-L1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Rat PD-L1/B7-H1/CD274 Protein (C-His)
Sequence:	Ala18-Thr238
Characteristics:	Recombinant Rat PD-L1 is produced by our Mammalian expression system and the target gene encoding Ala18-Thr238 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	PD-L1
Alternative Name:	PD-L1/B7-H1/CD274 (PD-L1 Products)
Background:	Background: CD274, also known as B7-H1 or programmed death ligand 1 (PD-L1), is a 40 kD type I transmembrane protein and a member of the B7 family within the immunoglobulin receptor superfamily. Programmed death-1 ligand-1 (PD-L1, CD274, B7-H1) has been identified

Target Details

	as the ligand for the immunoinhibitory receptor programmed death-1(PD1/PDCD1) and has been demonstrated to play a role in the regulation of immune responses and peripheral tolerance. By binding to PD1 on activated T-cells and B-cells, PD-L1 may inhibit ongoing T-cell responses by inducing apoptosis and arresting cell-cycle progression. Accordingly, it leads to growth of immunogenic tumor growth by increasing apoptosis of antigen specific T cells and may contribute to immune evasion by cancers. PD-L1 thus is regarded as promising therapeutic target for human autoimmune disease and malignant cancers. Synonym: B7-H,B7-H1,B7H1,PD-L1,PDCD1L1,PDCD1LG1,PDL1
Molecular Weight:	26.1 kDa
UniProt:	D4AE25
Pathways:	Cancer Immune Checkpoints

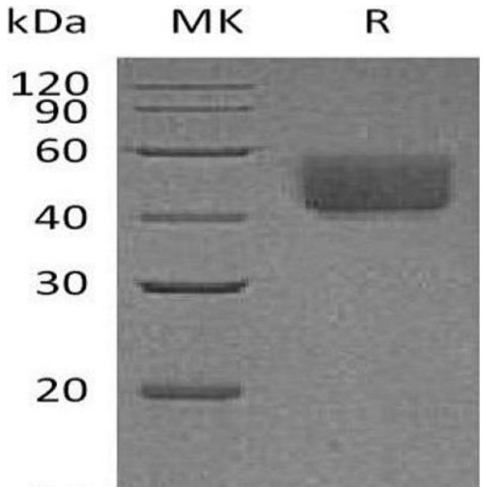
Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Images



Western Blotting

Image 1.