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Datasheet for ABIN6242891
anti-PDCD1LG2 antibody (N-Term)

2 Images

Overview

Quantity:	200 µL
Target:	PDCD1LG2
Binding Specificity:	AA 40-75, N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PDCD1LG2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This PDCD1LG2 antibody is generated from a mouse immunized with a KLH conjugated synthetic peptide between 40-75 amino acids from the N-terminal region of human PDCD1LG2.
Clone:	2011CT786-31-38
Isotype:	IgG1 kappa
Predicted Reactivity:	H
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	PDCD1LG2
Alternative Name:	PDCD1LG2 (PDCD1LG2 Products)

Target Details

Background:	Involved in the costimulatory signal, essential for T- cell proliferation and IFNG production in a PDCD1-independent manner. Interaction with PDCD1 inhibits T-cell proliferation by blocking cell cycle progression and cytokine production (By similarity).
Molecular Weight:	30957
UniProt:	Q9BQ51

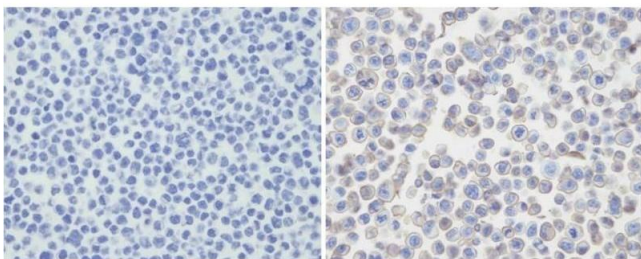
Application Details

Application Notes:	WB: 1:8000. IHC-P: 1:25
Restrictions:	For Research Use only

Handling

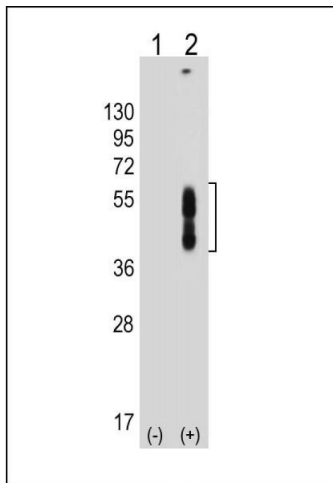
Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemical analysis of PDL-2 in untransfected(left) or transfected(right) with 293T cell sections. Cell was fixed with formaldehyde, antigen retrieval was by heat mediation with a EDTA buffer (pH 9.0). Samples were incubated with primary antibody (1:25) for 1 hours at room temperature. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Western Blotting

Image 2. All lanes : Anti-PDCD1LG2 Antibody (N-term) at 1:8000 dilution Lane 1: Non-transfected 293T whole cell lysate Lane 2: Transfected PD-L2-transfected 293T whole cell lysate Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 31 kDa Blocking/Dilution buffer: 5 % NFDN/TBST.