Datasheet for ABIN1512699

anti-PD-L1 antibody (AA 19-238)

4 Images

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Overview

Quantity:	100 µg
Target:	PD-L1
Binding Specificity:	AA 19-238
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PD-L1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 19-238 of human PD-L1/CD274 (NP_054862.1).
Sequence:	FTVTVPKDLY VVEYGSNMTI ECKFPVEKQL DLAALIVYWE MEDKNIIQFV HGEEDLKVQH SSYRQRARLL KDQLSLGNAA LQITDVKLQD AGVYRCMISY GGADYKRITV KVNAPYNKIN QRILVVDPVT SEHELTCQAE GYPKAEVIWT SSDHQVLSGK TTTTNSKREE KLFNVTSTLR INTTTNEIFY CTFRRLDPEE NHTAELVIPE LPLAHPPNER
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	PD-L1
Alternative Name:	PD-L1 (PD-L1 Products)
Background:	This gene encodes an immune inhibitory receptor ligand that is expressed by hematopoietic and non-hematopoietic cells, such as T cells and B cells and various types of tumor cells. The encoded protein is a type I transmembrane protein that has immunoglobulin V-like and C-like domains. Interaction of this ligand with its receptor inhibits T-cell activation and cytokine production. During infection or inflammation of normal tissue, this interaction is important for preventing autoimmunity by maintaining homeostasis of the immune response. In tumor microenvironments, this interaction provides an immune escape for tumor cells through cytotoxic T-cell inactivation. Expression of this gene in tumor cells is considered to be prognostic in many types of human malignancies, including colon cancer and renal cell carcinoma. Alternative splicing results in multiple transcript variants.,B7-H,B7H1,PDL1,PD-L1,PDCD1L1,PDCD1LG1,CD274,Immunology & Inflammation,CD markers,PD-L1
Molecular Weight:	20 kDa/33 kDa
Gene ID:	29126
UniProt:	Q9NZQ7
Pathways:	Cancer Immune Checkpoints

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

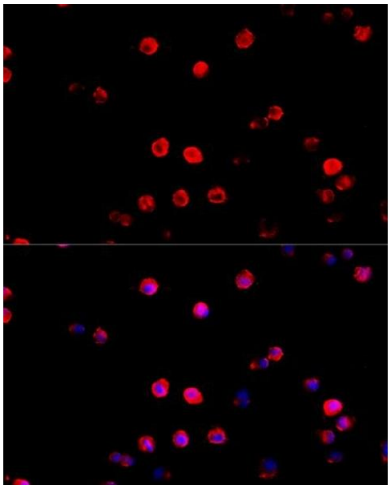
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C

Handling

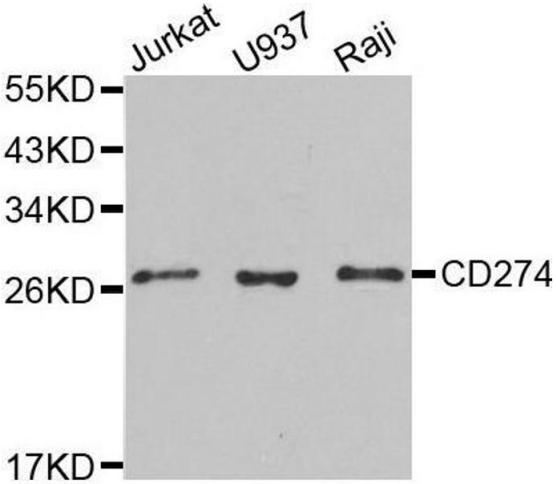
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



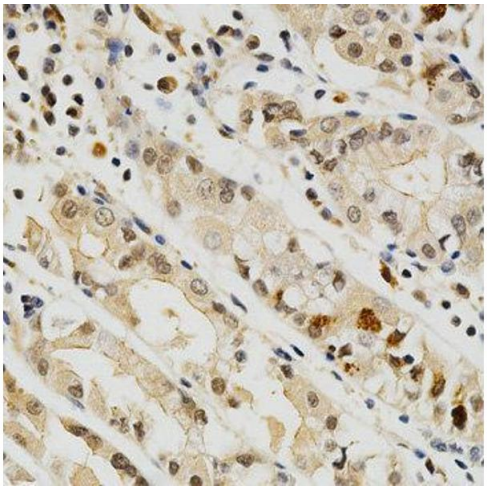
Immunofluorescence

Image 1. Immunofluorescence analysis of R.7 cells using PD-L1/CD274 antibody (ABIN3022311, ABIN3022312, ABIN1512699, ABIN1513883 and ABIN6218729) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using CD274 antibody.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human stomach using CD274 antibody at dilution of 1:200 (x400 lens)

Please check the product details page for more images. Overall 4 images are available for ABIN1512699.