

Datasheet for ABIN185339
anti-PD-L1 antibody (C-Term)

11 Images

1 Publication

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Overview

Quantity:	100 µg
Target:	PD-L1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PD-L1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	CD274 / PD-L1
Immunogen:	Peptide with sequence CKKQSDTHLEET, from the C Terminus of the protein sequence according to NP_054862.1.
Sequence:	CKKQSDTHLE ET
Isotype:	IgG
Specificity:	This antibody is expected to recognize reported isoforms a and b (NP_054862.1, NP_001254635.1) only.
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target:	PD-L1
Alternative Name:	CD274 (PD-L1 Products)
Background:	CD274, CD274 antigen, PD-L1, PDCD1LG1, B7-H, B7H1, PDL1, PDCD1L1, programmed cell death 1 ligand 1, PDL1, HGNC:17635, CD274 Molecule, MGC142294, MGC142296
Gene ID:	29126
NCBI Accession:	NP_054862 , NP_001254635
Pathways:	Cancer Immune Checkpoints

Application Details

Application Notes:	Western Blot: Approx 50 kDa band observed in Human Heart lysates and in lysates of cell line U2OS (calculated MW of 33.3 kDa according to 1NP_054862.1). This band was successfully blocked by incubation with the immunizing peptide and is routinely observed Peptide ELISA: antibody detection limit dilution 1:128000.
Comment:	Immunofluorescence: Strong expression of the protein seen in th membrane and cytoplasm of U2OS and A431 cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of Jurkat cells. Recommended
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.

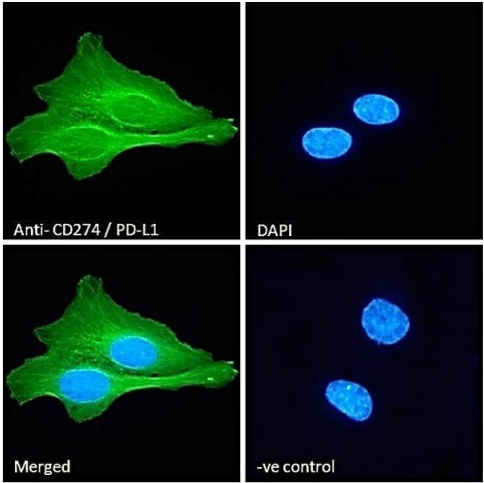
Handling

Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Publications

Product cited in:	Chen, Li, Meng, Fan, Song, Wang, Zhu, Guo, Zhang, Shi: "Upregulation of B7-H1 expression is associated with macrophage infiltration in hepatocellular carcinomas." in: Cancer immunology, immunotherapy : CII , Vol. 61, Issue 1, pp. 101-8, (2012) (PubMed).
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Images



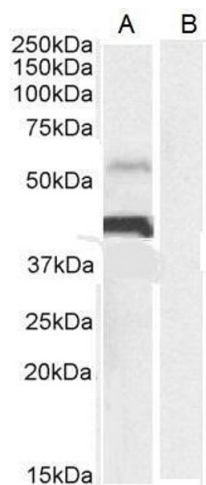
Flow Cytometry

Image 1. (ABIN185339) Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing membrane and cytoplasmic staining. The nuclear sta



Western Blotting

Image 2. ABIN185339 staining (0.3µg/ml) of Human Heart lysate (RIPA buffer, 30µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Western Blotting

Image 3. ABIN185339 (0.3µg/ml) staining of Human Heart (A) lysate + Blocking peptide (B) (35µg protein in RIPA buffer). Detected by chemiluminescence.

Please check the [product details page](#) for more images. Overall 11 images are available for ABIN185339.