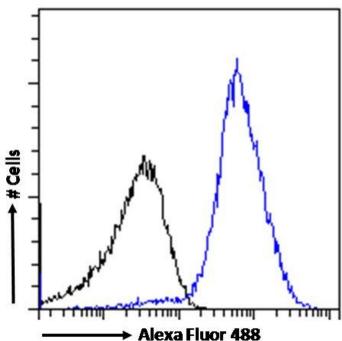
Email: <a href="mailto:customerservice@vectorlabs.com">customerservice@vectorlabs.com</a>

Telephone: (650) 697-3600

## **GOAT ANTI-CD274 / PD-L1 ANTIBODY**





## **SPECIFICATIONS**

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 100 μg

Storage

Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym / Alias

MGC142296|MGC142294|CD274 molecule|CD274|HGNC:17635|PDL1|programmed cell death 1 ligand

1|PDCD1L1|PDL1|B7H1|B7-H|PDCD1LG1|PD-L1|CD274 antigen

Usage Summary

Names

<strong>Immunofluorescence:</strong> Strong expression of the protein seen in th membrane and cytoplasm of U2OS and A431 cells. Recommended concentration: 10µg/ml. <strong>Flow Cytometry:</strong> Flow

cytometric analysis of Jurkat cells. Recommended concentration: 10ug/ml.

Accession ID

NP\_054862.1; NP\_001254635.1

**Blocking Peptide** 

EBP06621

**Immunogen** 

Peptide with sequence CKKQSDTHLEET, from the C Terminus of the protein sequence according to NP 054862.1; NP 001254635.1.





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**Product Comments** 

This antibody is expected to recognize reported isoforms a and b (NP\_054862.1; NP\_001254635.1) only.

**Peptide** 

Sequence

**CKKQSDTHLEET** 

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using

Method

the immunizing peptide.

Shipping

Instructions Refrigerated

**Predicted Species** 

Human

Reactive

Species

Human

Human

29126 **Gene ID** 

**Product** 

Grade

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite\_plus\_medium.png

**ELISA** 

Detection

Antibody detection limit dilution 1:128000.

Limit

Blot

Approx 50kDa band observed in Human Heart lysates and in lysates of cell line U2OS (calculated MW of 33.3kDa according to 1NP\_054862.1). This band was successfully blocked by incubation with the immunizing peptide and is routinely observed by other sources. Recommended concentration: 0.01-0.1µg/ml. Primary incubation 1 hour at

Western

Application

Type

room temperature. Pep-ELISA, WB, IF, FC

## SELECTED REFERENCES

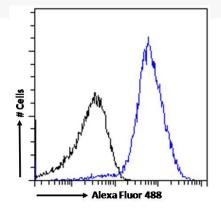
[{"pmid": 28026044, "intro": "This antibody (previous batch) has been successfully used in Western blot on Human:", "title": "Expression of programmed cell death-1 and its ligand B7 homolog 1 in peripheral blood lymphocytes from patients with peripartum cardiomyopathy.", "author": "Guozhi Xia, Xiaopu Zheng, Xinye Yao, Xiaowei Yao, Zhongwei Liu, Junkui Wang.", "journal": "Clin Cardiol. 2016 Dec 27."}, {"pmid": 21853301, "intro": "This antibody (previous batch) has been successfully used in Western blot and IHC on Human:", "title": "Upregulation of B7-H1 expression is associated with macrophage infiltration in hepatocellular carcinomas.", "author": "Chen J, Li G, Meng H, Fan Y, Song Y, Wang S, Zhu F, Guo C, Zhang L, Shi Y.", "journal": "Cancer Immunol Immunother. 2012 Jan;61(1):101-8."}]

## **GALLERY IMAGES**

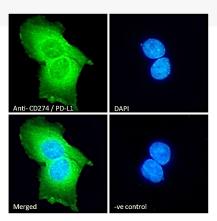


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250kDa 150kDa 100kDa 75kDa



50kDa

37kDa

25kDa

20kDa

15kDa





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