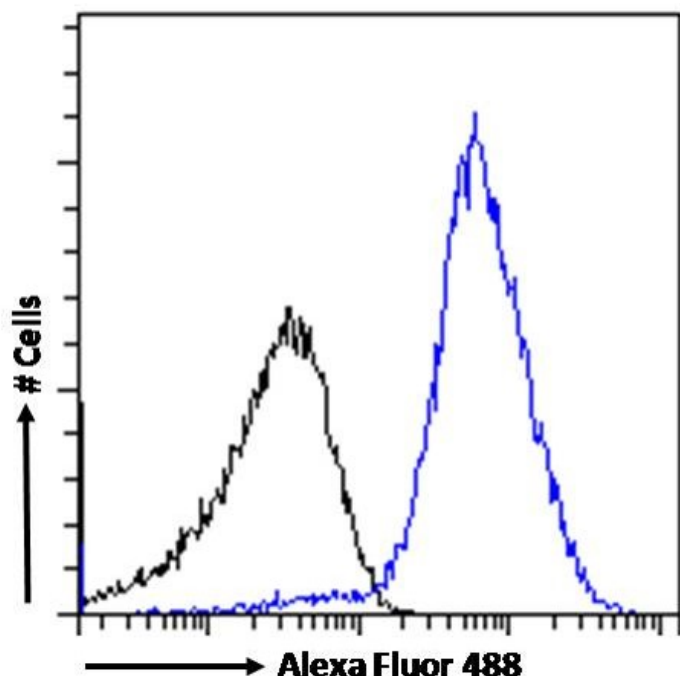


GOAT ANTI-CD274 / PD-L1 ANTIBODY

SKU: EB06621



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

Synonym / Alias Names 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 **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 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.

Product Comments	This antibody is expected to recognize reported isoforms a and b (NP_054862.1; NP_001254635.1) only.
Peptide Sequence	CKKQSDTHLEET
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human
Reactive Species	Human
Human Gene ID	29126
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Western 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 room temperature.
Application Type	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."}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

