

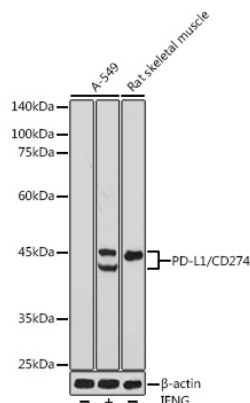


Product name:	PD-L1/CD274 Rabbit pAb
Cat number:	AB-84131
Conjugate:	Unconjugated
Host:	Rabbit
Size:	100 ug
Concentration:	1mg/ml
Isotype:	IgG
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 19-238 of human PD-L1/CD274 (NP_054862.1).
Reactivity:	Human,Mouse,Rat
Applications:	WB,1:100 - 1:500 IHC-P,1:50 - 1:200 ELISA,Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Molecular weight:	40-50kDa
Purification:	Affinity purification
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.
Form:	liquid
Buffer:	PBS with 0.09% Sodium azide,50% glycerol,pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.

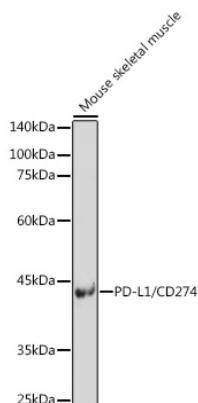
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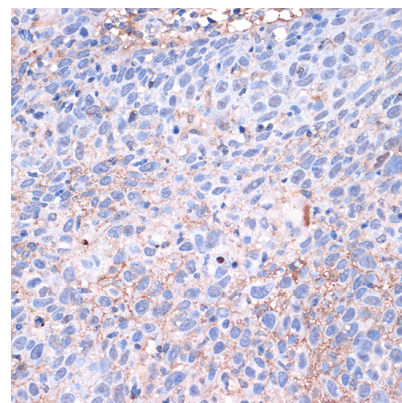
Web-site: <https://immunologicalsciences.com> - E-mail: info@immunologicalsciences.com



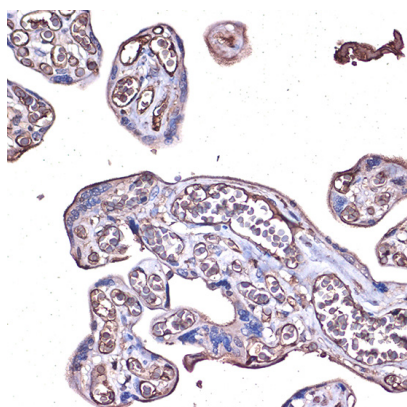
Western blot analysis of various lysates using PD-L1/CD274 Rabbit pAb at 1:500 dilution. A-549 cells were treated by IFNG (100 ng/mL) at 37°C for 48 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 180s.



Western blot analysis of lysates from Mouse skeletal muscle, using PD-L1/CD274 Rabbit pAb at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Human esophageal cancer using PD-L1/CD274 Rabbit pAb at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human placenta using PD-L1/CD274 Rabbit pAb at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

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