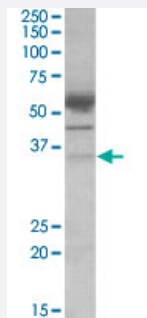


CD274 polyclonal antibody

Catalog # PAB6732

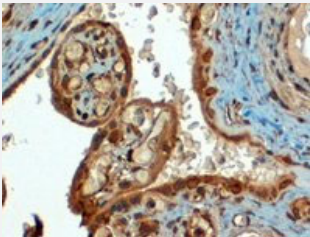
Size 100 ug

Applications



Western Blot (Tissue lysate)

CD274 polyclonal antibody (Cat # PAB6732) staining (0.3 ug/mL) of human placenta lysate (RIPA buffer, 35 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

CD274 polyclonal antibody (Cat # PAB6732) (4 ug/mL) staining of paraffin embedded human placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of CD274.
Immunogen	A synthetic peptide corresponding to C-terminus of human CD274.
Sequence	CKKQSDTHLEET
Host	Goat
Theoretical MW (kDa)	33.3
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:8000) Western blot (0.3-1.0 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (4-6 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

CD274 polyclonal antibody (Cat # PAB6732) staining (0.3 ug/mL) of human placenta lysate (RIPA buffer, 35 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — CD274

Entrez GeneID	29126
Protein Accession#	NP_054862.1
Gene Name	CD274
Gene Alias	B7-H, B7H1, MGC142294, MGC142296, PD-L1, PDCD1L1, PDCD1LG1, PDL1
Gene Description	CD274 molecule
Omim ID	605402
Gene Ontology	Hyperlink

Other Designations

CD274 antigen|OTTHUMP00000021029|programmed cell death 1 ligand 1

Publication Reference

- [Costimulatory B7-H1 in renal cell carcinoma patients: Indicator of tumor aggressiveness and potential therapeutic target.](#)

Thompson RH, Gillett MD, Cheville JC, Lohse CM, Dong H, Webster WS, Krejci KG, Lobo JR, Sengupta S, Chen L, Zincke H, Blute ML, Strome SE, Leibovich BC, Kwon ED.

PNAS 2004 Dec; 101(49):17174.

Application: IHC-Fr, Human, Human renal cell carcinoma

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Addison Disease](#)
- [Arthritis](#)
- [Autoimmune Diseases](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Graves Disease](#)
- [Lupus Erythematosus](#)
- [Multiple Sclerosis](#)
- [Narcolepsy](#)
- [Rheumatoid Nodule](#)