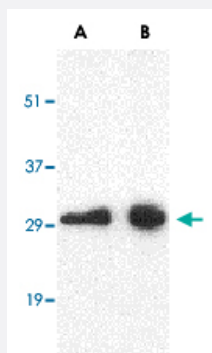


CD274 polyclonal antibody

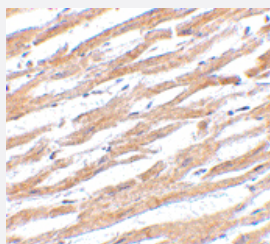
Catalog # PAB12985 Size 100 ug

Applications



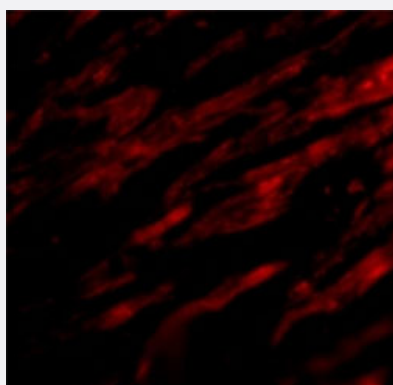
Western Blot (Cell lysate)

Western blot analysis of CD274 in Raji cell lysate with CD274 polyclonal antibody (Cat # PAB12985) at (A) 0.5 and (B) 1 ug/mL .



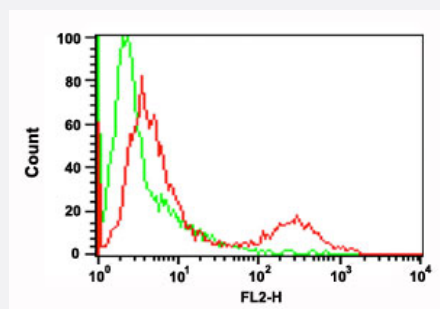
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of CD274 in human heart tissue with CD274 polyclonal antibody (Cat # PAB12985) at 2.5 ug/mL .



Immunofluorescence

Immunofluorescence staining of human heart cells with CD274 polyclonal antibody (Cat# PAB12985) under 20 ug/mL working concentration.



Flow Cytometry

Flow cytometric analysis of A-20 cells with CD274 polyclonal antibody (Cat# PAB12985). Green: Isotype control. Red : CD274 antibody.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CD274.
Immunogen	A synthetic peptide corresponding to internal region 17 amino acids of human CD274.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	Has no cross-reactivity to CD273.
Form	Liquid
Purification	Peptide affinity purification
Isotype	IgG
Recommend Usage	Flow Cytometry (0.5 ug/mL) Immunofluorescence (20 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (2.5 ug/mL) Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide).
Storage Instruction	Store at 4°C for three months. For long term storage 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 (Cell lysate)

Western blot analysis of CD274 in Raji cell lysate with CD274 polyclonal antibody (Cat # PAB12985) at (A) 0.5 and (B) 1 ug/mL .

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

Immunohistochemistry of CD274 in human heart tissue with CD274 polyclonal antibody (Cat # PAB12985) at 2.5 ug/mL .

- Immunofluorescence

Immunofluorescence staining of human heart cells with CD274 polyclonal antibody (Cat# PAB12985) under 20 ug/mL working concentration.

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

Flow cytometric analysis of A-20 cells with CD274 polyclonal antibody (Cat# PAB12985). Green: Isotype control. Red : CD274 antibody.

Gene Info — CD274

Entrez GeneID	29126
Protein Accession#	NP_054862
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

- [Hepatic Artery Embolization Enhances Expression of Programmed Cell Death 1 Ligand 1 in an Orthotopic Rat Hepatocellular Carcinoma Model: In Vivo and in Vitro Experimentation.](#)

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Application: WB-Ce, Rat, RH7777 cells

- [Immune accessory functions of human endothelial cells are modulated by overexpression of B7-H1 \(PDL1\).](#)

LaGier AJ, Poher JS.

Human Immunology 2006 May; 67(8):568.

- [Function and regulation of MHC class II molecules in T-lymphocytes: of mice and men.](#)

Holling TM, Schooten E, van Den Elsen PJ.

Human Immunology 2004 Apr; 65(4):282.

- [Induced expression of PD-1, a novel member of the immunoglobulin gene superfamily, upon programmed cell death.](#)

Ishida Y, Agata Y, Shibahara K, Honjo T.

The EMBO Journal 1992 Nov; 11(11):3887.

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](#)