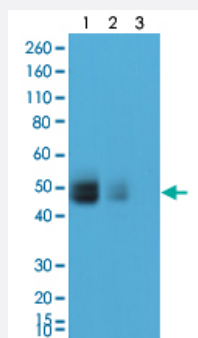


RecomAb™

CD274 monoclonal antibody, clone RM320

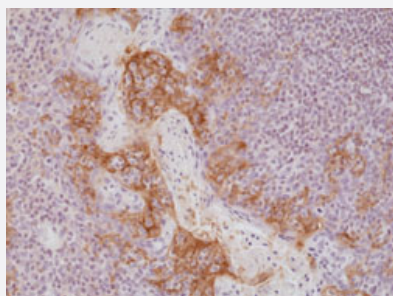
Catalog # MAB16935 Size 100 uL

Applications



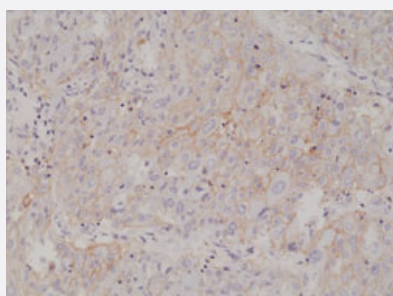
Western Blot

Western Blot analysis of (1) H1975 cell lysates, (2) DU145 cell lysates and (3) LNCaP cell lysates.



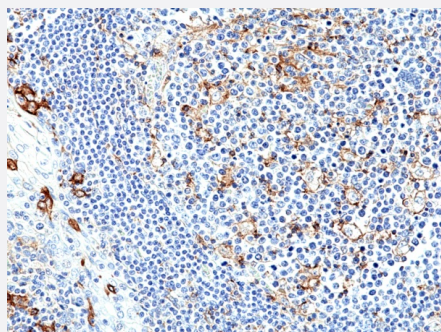
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human tonsil.



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

Immunohistochemical staining of human lung cancer.



Immunohistochemistry

Immunohistochemical staining of formalin fixed and paraffin embedded human tonsil tissue section using CD274 monoclonal antibody, clone RM320 (Cat# MAB16935) at a 1:250 dilution.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CD274.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to C-terminus of human CD274.
Reactivity	Human
Specificity	This antibody reacts to human PD-L1 (B7-H1).
Form	Liquid
Purification	Protein A purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:200-500) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1000) Western Blot (1:500-1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol, 1% BSA, 0.09% 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

Western Blot analysis of (1) H1975 cell lysates, (2) DU145 cell lysates and (3) LNCaP cell lysates.

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

Immunohistochemical staining of human tonsil.

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

Immunohistochemical staining of human lung cancer.

- Immunohistochemistry

Immunohistochemical staining of formalin fixed and paraffin embedded human tonsil tissue section using CD274 monoclonal antibody, clone RM320 (Cat# MAB16935) at a 1:250 dilution.

Gene Info — CD274

Entrez GeneID [29126](#)

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

- [The miR-3127-5p/p-STAT3 axis up-regulates PD-L1 inducing chemoresistance in non-small-cell lung cancer.](#)

Tang D, Zhao D, Wu Y, Yao R, Zhou L, Lu L, Gao W, Sun Y.

Journal of Cellular and Molecular Medicine 2018 May; [Epub].

Application: WB, Human, A549, H1299 cells

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](#)