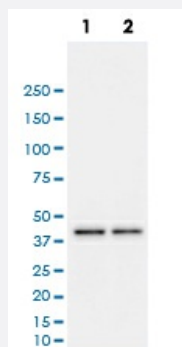


CD274 monoclonal antibody, clone PDL1/2746

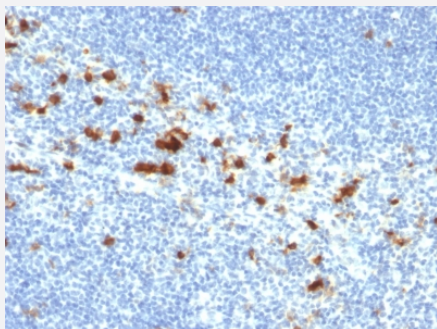
Catalog # MAB21032 Size 100 ug

Applications



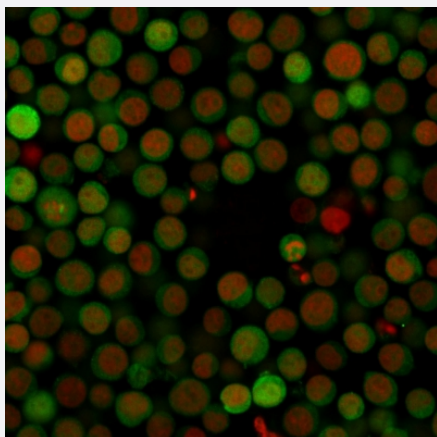
Western Blot (Cell lysate)

Western blot analysis of (1) HEK293 and (2) HepG2 cell lysates using CD274 monoclonal antibody, clone PDL1/2746.



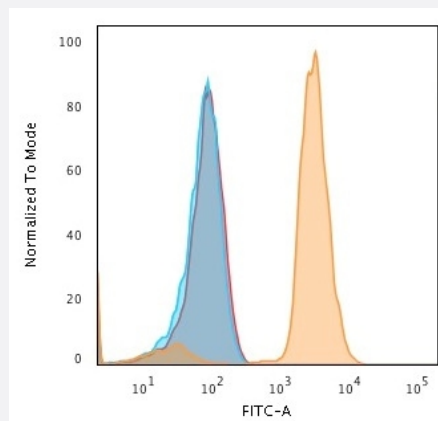
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human Lung SCC using CD274 monoclonal antibody, clone PDL1/2746.



Immunofluorescence

Immunofluorescent staining of Jurkat cells labeling CD274 with CD274 monoclonal antibody, clone PDL1/2746.



Flow Cytometry

Flow cytometric analysis of human Jurkat cells using CD274 monoclonal antibody, clone PDL1/2746.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human CD274.
Immunogen	Recombinant protein corresponding to around amino acid 39-191 of human CD274. (exact sequence is proprietary)
Host	Mouse
Theoretical MW (kDa)	37-50
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG2b, kappa
Recommend Usage	ELISA (For coating) Flow Cytometry (1-2 ug/million cells) Immunofluorescence (1-2 ug/mL) Immunohistochemistry (Formalin-fixed) (1-2 ug/mL for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes) Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.
Storage Instruction	Store at -20 to -80°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 (1) HEK293 and (2) HepG2 cell lysates using CD274 monoclonal antibody, clone PDL1/2746.

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human Lung SCC using CD274 monoclonal antibody, clone PDL1/2746.

- Immunofluorescence

Immunofluorescent staining of Jurkat cells labeling CD274 with CD274 monoclonal antibody, clone PDL1/2746.

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

Flow cytometric analysis of human Jurkat cells using CD274 monoclonal antibody, clone PDL1/2746.

Gene Info — CD274

Entrez GeneID	29126
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Protein Accession#	Q9NZQ7
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Gene Name	CD274
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Gene Alias	B7-H, B7H1, MGC142294, MGC142296, PD-L1, PDCD1L1, PDCD1LG1, PDL1
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Gene Description	CD274 molecule
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Omim ID	605402
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Gene Ontology	Hyperlink
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Other Designations	CD274 antigen OTTHUMP00000021029 programmed cell death 1 ligand 1
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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](#)