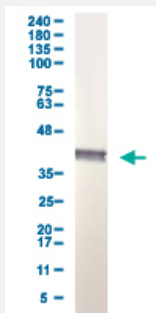


CD274 monoclonal antibody, clone 15G3

Catalog # MAB22318 Size 500 ug

Applications



Western Blot (Recombinant protein)

Western Blot analysis of human cell expressed recombinant CD274 (40 ng).
The blot was stained with HRP substrate 4-Chloro-1-Naphthol.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human CD274.
Immunogen	Recombinant protein corresponding to amino acids 19-238 of human CD274 with poly-histidine tag at C-terminus.
Host	Mouse
Reactivity	Human
Specificity	Reactive with human CD274.
Form	Lyophilized
Purification	Protein G affinity purification
Isotype	IgG1, kappa
Recommend Usage	Capture Antibody Sandwich ELISA (This antibody when coated on ELISA plates at 400 ng/well, and used in combination with CD274 monoclonal antibody, clone 12B4 (Cat # MAB22310) can detect human cell expressed CD274.) Western Blot (1:2000) The optimal working dilution should be determined by the end user.

Storage Buffer

Lyophilized from 0.01 M PBS, pH 7.0.

Storage Instruction

Store at -20°C on dry atmosphere.

After reconstitution with double distilled water, store at 2-8°C for 2-4 weeks. For long term storage, aliquoted and stored at -20°C or lower temperature.

Aliquot to avoid repeated freezing and thawing.

Double distilled water is recommended to adjust the final concentration to 1.00 mg/mL.

Applications

- Western Blot (Recombinant protein)

Western Blot analysis of human cell expressed recombinant CD274 (40 ng). The blot was stained with HRP substrate 4-Chloro-1-Naphthol.

- Sandwich ELISA

- Capture Antibody

Gene Info — CD274

Entrez GeneID[29126](#)**Protein Accession#**[Q9NZQ7](#)**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

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](#)