

TECHNICAL DATA SHEET

Purified Anti-Human CD274 (PD-L1, B7-H1) (29E.2A3)

Catalog Number: 70-5984

PRODUCT INFORMATION

Contents: Purified Anti-Human CD274 (PD-L1, B7-H1) (29E.2A3)

Isotype: Mouse IgG2b, kappa

Concentration: 0.5 mg/mL

Clone: 29E.2A3

Reactivity: Human

Use By: 12 months from date of receipt

Storage Conditions: 2-8°C

Formulation: 10 mM NaH₂PO₄, 150 mM NaCl, 0.09% NaN₃, pH7.2

DESCRIPTION

The 29E.2A3 antibody reacts with human CD274 which is also known as PD-L1 or B7-H1. CD274 is a type 1 transmembrane glycoprotein and a member of the Ig superfamily. PD-L1 is a ligand for CD279 (PD-1) and plays an important role in regulating immune cell responses. CD274 is expressed on activated monocytes, macrophages, dendritic cells, and T cells.

PREPARATION & STORAGE

This monoclonal antibody preparation was purified from tissue culture supernatant via affinity chromatography. For In Vivo Ready™ (IVR) products, each preparation is also evaluated for endotoxin levels using the LAL assay. It is recommended to store the product undiluted at 4°C. Do not freeze.

APPLICATION NOTES

Tonbo Biosciences tests all of our antibodies by flow cytometry. Citations may be provided as a resource for additional applications that have not been validated by Tonbo Biosciences - please consult Materials and Methods sections for additional details about the use of any product in these publications.

REFERENCES

Freeman GJ, Long AJ, Iwai Y, et al. 2000. J Exp Med. 192:1027-1034. Latchman Y, Wood CR, Chernova T, et al. 2001. Nat Immunol. 2(3):261-268. Bennett F, Luxenberg D, Ling V, et al. 2003. J Immunol. 170:711-718. Brown JA, Dorfman DM, Ma FR, et al. 2003. J Immunol. 170:1257-1266. Carter L, Fouser LA, Jussif J, et al. 2002. Eur J Immunol. 32:634-643.

Tonbo Biosciences tests all antibodies by flow cytometry. Citations are provided as a resource for additional applications that have not been validated by Tonbo Biosciences. Please choose the appropriate format for each application and consult Materials and Methods sections for additional details about the use of any product in these publications.

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