

TECHNICAL DATA SHEET

Purified Anti-Mouse CD272 (BTLA) (6A6)

Catalog Number: 70-5954

PRODUCT INFORMATION

Contents: Purified Anti-Mouse CD272 (BTLA) (6A6)

Isotype: Armenian Hamster IgG

Concentration: 0.5 mg/mL

Clone: 6A6

Reactivity: Mouse

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 6A6 antibody reacts with mouse CD272, a type 1 transmembrane glycoprotein and member of the Ig superfamily. CD272, also known as BTLA (B and T Lymphocyte Attenuator), is expressed on peripheral lymphocytes as well as developing B and T cells, macrophages, and dendritic cells. CD272 is a receptor for CD270 (HVEM) and is structurally similar to CD152 (CTLA-4) and CD279 (PD-1) and functions as a negative regulator of B and T cell responses.

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

Watanabe N, Gavrieli M, Sedy JR, Yang J, Fallarino F, Loftin SK, Hurchla MA, Zimmerman N, Sim J, Zang X, Murphy TL, Russell JH, Allison JP, Murphy KM. 2003. Nat Immunol. Jul;4(7):670-9. Han P, Goularte OD, Rufner K, Wilkinson B, Kaye J. 2004. J Immunol. 2004 May 15;172(10):5931-9. Sedy JR, Gavrieli M, Potter KG, et al. 2005. Nat Immunol. 6(1):90-98.

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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