

TECHNICAL DATA SHEET

PE Anti-Mouse TIM-4 (RMT4-54)

Catalog Number: 50-5866

PRODUCT INFORMATION

Contents: PE Anti-Mouse TIM-4 (RMT4-54)

Isotype: Rat IgG2a, kappa

Concentration: 0.2 mg/mL

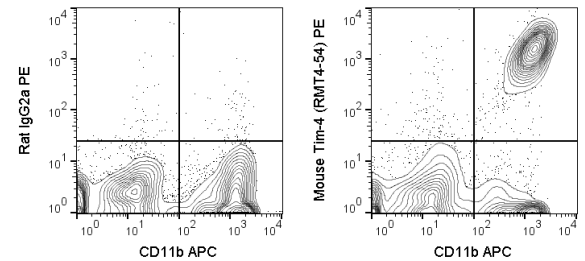
Clone: RMT4-54

Reactivity: Mouse

Use By: 12 months from date of receipt

Storage Conditions: 2-8°C protected from light

Formulation: 10 mM NaH₂PO₄, 150 mM NaCl, 0.09% NaN₃, 0.1% gelatin, pH7.2



C57Bl/6 resident peritoneal exudate cells were stained with APC Anti-Mouse CD11b (20-0112) and 0.125 ug PE Anti-Mouse Tim-4 (50-5866) (right panel) or 0.125 ug PE Rat IgG2a (left panel).

DESCRIPTION

The RMT4-54 antibody reacts with mouse Tim-4, also known as T cell immunoglobulin and mucin domain containing protein-4. Tim-4 is expressed on macrophages and dendritic cells and can serve as a receptor for Tim-1. Tim-4 also functions as a receptor for phosphatidylserine and serves to enhance the phagocytosis of apoptotic cells.

PREPARATION & STORAGE

This monoclonal antibody was purified from tissue culture supernatant via affinity chromatography. The purified antibody was conjugated under optimal conditions, with unreacted dye removed from the preparation. It is recommended to store the product undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.

APPLICATION NOTES

This monoclonal antibody was purified from tissue culture supernatant via affinity chromatography. The purified antibody was conjugated under optimal conditions, with unreacted dye removed from the preparation. It is recommended to store the product undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.

REFERENCES

Meyers JH, Chakravarti S, Schlesinger D, Illes Z, Waldner H, Umetsu SE, Kenny J, Zheng XX, Umetsu DT, DeKruyff RH, Strom TB, Kuchroo VK. 2005. Nat Immunol. May;6(5):455-464. Rodriguez-Manzanet R, Meyers JH, Balasubramanian S, Slavik J, Kassam N, Dardalhon V, Greenfield EA, Anderson AC, Sobel RA, Hafler DA, Strom TB, Kuchroo VK. 2008. J Immunol. Apr 1;180(7):4706-4713. Zhang X, Liu Q, Wang J, Li G, Weiland M, Yu FS, Mi QS, Gu J, Zhou L. 2016. Oncotarget. Jun 21;7(25):37498-37512.

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.

For Research Use Only.

Not for use in diagnostic or therapeutic procedures. Not for resale. Not for distribution without written consent. Tonbo Biosciences will not be held responsible for patent infringement or other violations that may occur with the use of our products. Tonbo Biosciences, Tonbo Biosciences Logo and all other trademarks are the property of Tonbo Biotechnologies Corporation. © 2013 Tonbo Biosciences.