TONBO biosciences

Equivalent Performance, Exceptional Value

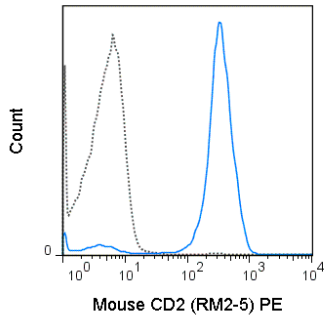
TECHNICAL DATA SHEET

PE Anti-Mouse CD2 (RM2-5)

Catalog Number: 50-0021

PRODUCT INFORMATION

Contents:	PE Anti-Mouse CD2 (RM2-5)
Isotype:	Rat IgG2b, lambda
Concentration:	0.2 mg/mL
Clone:	RM2-5
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 splenocytes were stained with 0.25 ug PE Anti-Mouse CD2 (50-0021) (solid line) or 0.25 ug PE Rat IgG2b (dashed line).

DESCRIPTION

The RM2-5 antibody reacts with mouse CD2, an approximately 50 kDa glycoprotein, and a member of the Ig superfamily. CD2, also known as LFA-2, is a receptor for CD48 in the mouse and is expressed on the cell surface of all mouse lymphocytes. CD2 mediates adhesion between cells and is involved in T cell activation.RM2-5 is reported to block CD2-mediated cell:cell adhesion.

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 antibody preparation has been quality-tested for flow cytometry using mouse spleen cells, or an appropriate cell type (where indicated). The amount of antibody required for optimal staining of a cell sample should be determined empirically in your system.

REFERENCES

Yagita H, Nakamura T, Karasuyama H, Okumura K. 1989. Proc. Natl. Acad. Sci. 86(2):645-9. Nakamura T, Takahashi K, Fukazawa T, Koyanagi M, Yokoyama A, Kato H, Yagita H, Okumura K. 1990. J. Immunol. 145(11):3628-34. Criado G, Feito MJ, Rojo JM. 1996. Eur. J. Immunol. 26(6):1228-34. Cibotti R, Punt JA, Dash KS, Sharrow SO, Singer A. 1997. Immunity. 6(3):245-55.

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.