

## TECHNICAL DATA SHEET

# PE Anti-Mouse CD90.2 (30-H12)

Catalog Number: 50-0903

## PRODUCT INFORMATION

**Contents:** PE Anti-Mouse CD90.2 (30-H12)

**Isotype:** Rat IgG2b

**Concentration:** 0.2 mg/mL

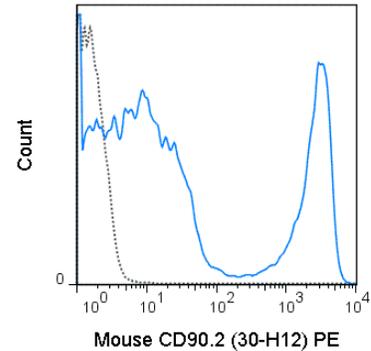
**Clone:** 30-H12

**Reactivity:** Mouse

**Use By:** 12 months from date of receipt

**Storage Conditions:** 2-8°C protected from light

**Formulation:** 10 mM NaH<sub>2</sub>PO<sub>4</sub>, 150 mM NaCl, 0.09% NaN<sub>3</sub>, 0.1% gelatin, pH7.2



C57Bl/6 splenocytes were stained with 0.125 ug PE Anti-Mouse CD90.2 (50-0903) (solid line) or 0.125 ug PE Rat IgG2b isotype control (dashed line).

## DESCRIPTION

The 30-H12 antibody reacts with mouse CD90.2 (Thy1.2). CD90.2 is a strain-specific allelic form of the GPI-linked membrane associated protein CD90 and is involved in adhesion and signal transduction. CD90.2 is expressed on thymocytes, mature T cells and neurons in mouse strains that express the CD90.2 allele (BALB/c, CBA, C3H, C57BL/6, SJL and others). 30-H12 does not react with the CD90.1 allele expressed in mouse strains such as PL and AKR.

## 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). Please refer to the figure legend for the optimal concentration used to stain the tissue shown. We recommend titrating the antibody under your specific conditions to determine the optimal concentration of antibody needed in your experimental system.

## REFERENCES

Ledbetter JA and Herzenberg LA. 1979. Immunol. Rev. 47:63-90. Borrello MA and Phipps RP. 1996. Cell Immunol. 173:198-206. (flow cytometry) Seaman WE, Wofsy D, Greenspan JS, and Ledbetter JA. 1983. J. Immunol. 130: 1713-8. (depletion)

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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