www.innocyto.com.cn

InnoCyto Inc.

15375 Barranca Pkwy, Suite I-103
Irvine, CA 92618
Email: info@innocyto.com
Phone: 1-949-418-7543

Anti-Mouse CD90.2 (Thy1.2) Antibody

Catalog Number:	203601, 203602
Size:	25 μg, 100 μg
Target Name:	CD90.2, Thy1.2, Thy-1.2
Regulatory Status:	RUO

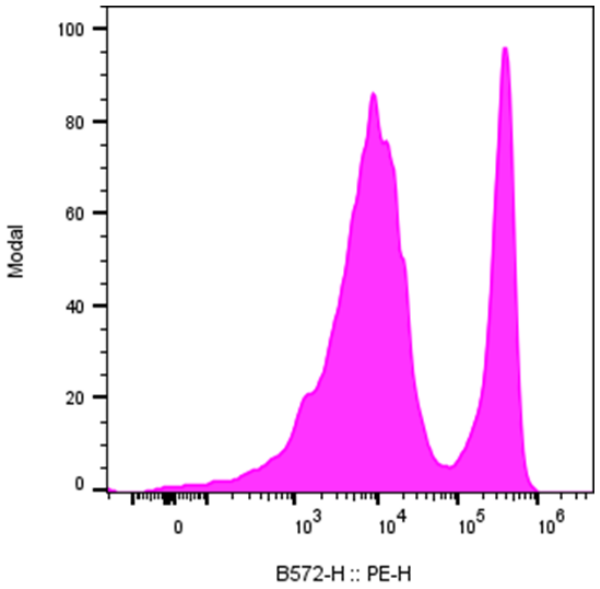
PRODUCT DETAILS

Clone:	30-H12
Application:	Flow Cytometry
Reactivity:	Mouse
Format:	Purified
Isotype:	Rat IgG2b
Antibody Type:	Monoclonal
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide
Protein Concentration:	0.5 mg/mL
Storage&Handling:	The antibody solution should be stored between 2°C and 8°C
Recommended Usage:	For flow cytometric staining, it is recommended to use less than 0.12 µg of this reagent per 0.5-1.0 million cells in a 100 µL volume. Optimal reagent performance should be determined by titration for each specific application.
Isotype Control:	303601

BACKGROUND INFORMATION

CD90.2, also known as Thy-1.2, is a 25–35 kDa glycosylphosphatidylinositol (GPI)-anchored membrane glycoprotein widely used as a pan-T cell marker in common inbred mouse strains such as C57BL/6, BALB/c, CBA, and SJL. It is highly expressed on thymocytes and peripheral T cells, and is also found on neurons and fibroblasts. CD90.2 participates in cell adhesion and signal transduction and plays a role in T cell activation and immune regulation. Due to its stable and broad expression on murine T cells, CD90.2 is commonly used for T cell identification, isolation, activation, and depletion in mouse immunological studies.

PRODUCT DATA



Mouse splenocytes were stained with purified Anti-Mouse CD90.2 clone 30-H12 (color-filled histogram), followed by PE anti-Rat IgG.

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