

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

<b>Catalog Number:</b>	203601, 203602
<b>Size:</b>	25 ug, 100 ug
<b>Target Name:</b>	CD90.2, Thy1.2, Thy-1.2
<b>Regulatory Status:</b>	RUO

### PRODUCT DETAILS

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<b>Clone:</b>	30-H12
<b>Application:</b>	Flow Cytometry
<b>Reactivity:</b>	Mouse
<b>Format:</b>	Purified
<b>Isotype:</b>	Rat IgG2b
<b>Antibody Type:</b>	Monoclonal
<b>Formulation:</b>	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide
<b>Protein Concentration:</b>	0.5 mg/mL
<b>Storage&amp;Handling:</b>	The antibody solution should be stored between 2°C and 8°C
<b>Recommended Usage:</b>	For flow cytometric staining, it is recommended to use less than 0.2 ug 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.
<b>Isotype Control:</b>	303601

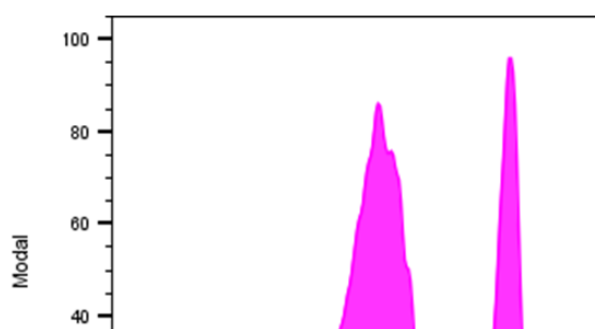
### BACKGROUND INFORMATION

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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

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