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## 43-1009: Monoclonal Antibody to Mouse CD90 (Thy-1) NALE™ Purified (Clone: G7)

Clonality: Monoclonal

Clone Name : G7
Application : FACS
Reactivity : Mouse
Gene : Thy1
Gene ID : 21838
Uniprot ID : P01831

**Alternative Name :** Thy-1 antigen, Thy-1 **Isotype :** Rat IgG2c, kappa

## **Description**

The G7 monoclonal antibody specifically reacts with mouse CD90, also known as thymus cell antigen-1 (Thy-1). CD90 is a 25-35 kDa GPI-anchored protein is the smallest member of the Ig superfamily. CD90 is expressed on thymocytes, neurons, hematopoietic stem cells, and T cells. It plays a role in T cell signal transduction and adhesion. The G7 antibody is reported to stimulate IL-2 secretion and T cell proliferation.

## **Product Info**

**Amount:** 500 μg

**Content:** 1 mg/ml in Phosphate-buffered aqueous solution, ph7.2.

The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was

Storage condition: purified utilizing affinity chromatography. The endotoxin level is determined by LAL test to be

less than 0.01 EU/µg of the protein.

## **Application Note**

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.