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

For Research Use Only. Not for use in diagnostic/therapeutics procedures.