

LE/AF Purified Anti-Mouse CD90 Monoclonal Antibody



天津三箭生物技术股份有限公司
Tianjin Sungene Biotech Co., Ltd.
标准 高效 稳定 Precision Efficient Stable

Catalog Number	Vial Size
M10901-14B	50 µg
M10901-14E	500 µg
M10901-14F	1 mg

Market | 400-621-0003
marketing@sungenebiotech.com

Support | 022-66211636-8024
techsupport@sungenebiotech.com

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Important Note: Centrifuge before opening to ensure complete recovery of vial contents.
This product is guaranteed up to one year from purchase.

Purified Antibody Characterization

Clone	Isotype	Reactivity
M5/49.4.1	Rat IgG2a	Mouse

Description

CD90 is a 25-35 kD immunoglobulin superfamily member, also known as Thy-1. It is expressed on hematopoietic stem cells and neurons, all thymocytes, and peripheral T cells, but not on B cells. CD90 is a glycosylphosphatidylinositol (GPI)-anchored membrane glycoprotein involved in signal transduction. CD90 is involved in costimulation of lymphocyte proliferation and activation, and hematopoietic stem cell differentiation. CD90 has been shown to interact with CD45. The G7 antibody is able to stimulate T cell proliferation and IL-2 secretion and induce apoptosis of thymocytes and CTL clones.

Reported Applications

This M5/49.4.1 antibody has been reported for use in flow cytometric staining.

Product Information

Production Method: Stirred tank fermentation

Medium: Hybridoma-SFM + 1%FCS + Glc + P/S

Purification Method: Protein G

Concentration: 1 mg/ml

Endotoxin: < 2.00 EU/mg (LAL)

Purity: >95% (by SDS-PAGE)

Sterile: 0.2 µm Filtration

Formulated: PBS, pH7.2

Storage: Keep as concentrated solution. Store at 4°C as an undiluted liquid. For extended storage aliquot contents and freeze at -20°C or lower. Avoid cycles of freezing and thawing.

For Research Use Only.