

LE/AF Purified Anti-Mouse CD90.2 (Thy-1.2) Monoclonal Antibody



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

Catalog Number	Vial Size
M10902-14B	50 µg
M10902-14E	500 µg
M10902-14F	1 mg

Market	400-621-0003 marketing@sungenebiotech.com
Support	022-66211636-8024 techsupport@sungenebiotech.com
Web	www.sungenebiotech.com

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
30H12	Rat IgG2b	Mouse

Description

CD90.2 is a 25-35 kD immunoglobulin superfamily member also known as Thy1.2. It is expressed on hematopoietic stem cells and neurons, all thymocytes, and peripheral T cells in Thy1.2 bearing mouse strains (Balb/c, CBA/J, C3H/He, C57BL/-, DBA, NZB/-). CD90.2 is a glycosylphosphatidylinositol (GPI)-anchored membrane glycoprotein involved in signal transduction. CD90.2 is involved in costimulation of lymphocyte proliferation and induction of hematopoietic stem cells differentiation. CD90.2 has been shown to interact with CD45. The 30H12 antibody has been reported to induce Ca²⁺ flux in thymocytes and, in combination with antibody against the CD3/TCR complex, promote thymocyte apoptosis and inhibit CD3-mediated proliferative responses of mature T lymphocytes.

Reported Applications

This 30H12 antibody has been reported for use in Flow Cytometric Analysis, Immunohistochemical Staining of Frozen Tissue Sections, Immunoprecipitation, Costimulation. It has also been reported for use in cell depletion.

Product Information

Production Method: Stirred tank fermentation

Medium: Hybridoma-SFM + 1%FCS + Gln + Gluc + 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.