

LE/AF Purified Anti-Mouse TCR V γ 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
M100T7-14B	50 μ g
M100T7-14E	500 μ g
M100T7-14F	1 mg

Market | 400-621-0003
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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
UC3-10A6	Hamster IgG	Mouse

Description

T-Cell Receptor (TCR) V γ 2 bearing T lymphocytes make up a significant proportion of $\gamma\delta$ TCR cells in late fetal and adult peripheral lymphoid tissues. TCR $\gamma\delta$ T cells may play a role in immunological surveillance for stress-induced self-antigens. The frequency of V γ 2 expression in different strains varied from 12% to 54% in the TCR $\gamma\delta$ repertoire. Variations in the levels of V γ 2⁺ cells are not associated with MHC haplotype. High V γ 2 expression is influenced by the TCR- δ locus. Expanding V γ 2⁺ TCR $\gamma\delta$ cells in B6 mice overwhelmingly use a V δ 7⁺ δ chain except in the DBA/2 strain.

Reported Applications

This UC3-10A6 antibody has been reported for use in flow cytometric staining and immunofluorescence.

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 μ m 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.