

APC 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.
标准 高效 稳定 Precision Efficient Stable

Catalog Number	Vial Size
M100T7-11 A	25 μ g
M100T7-11 C	100 μ g

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.

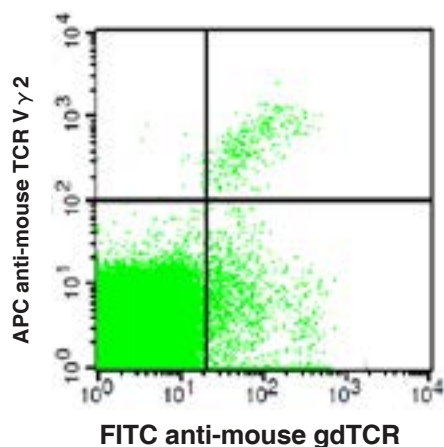
Purified Antibody Characterization

Clone	Isotype	Reactivity
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.

Illustration of Immunofluorescent Staining



C57BL/6 mouse splenocytes CD3⁺ stained
with FITC anti-mouse gdTCR and
APC anti-mouse TCR V γ 2

Product Information

Conjugation: APC

Formulation: PBS pH 7.2, 0.09% NaN₃,
0.2% BSA

Concentration: 0.2 mg/ml

Storage: Keep as concentrated solution.
Store at 4°C and protected from prolonged
exposure to light. **Do not freeze.**

Application: Recommended Application: FC

Usage: Each lot of this antibody is quality
control tested by immunofluorescent staining
with flow cytometric analysis (The amount of
the reagent is suggested to be used ≤ 0.125
 μ g /10⁶ cells in 100 μ l). Since applications
vary, the appropriate dilutions must be
determined for individual use.

References

- [1] Allison, J.P., et al. 1991. Annu. Rev. Immunol. 9:679.
- [2] O'Brien, R.L., et al. 2000. J. Immunol. 165:6472.

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