

Biotin Anti-Mouse TCR β chain 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
M100T4-08B	50 μ g
M100T4-08E	500 μ g

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

Support | 022-66211636-8024
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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.

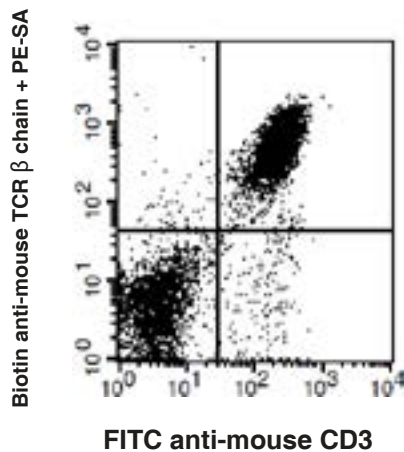
Purified Antibody Characterization

Clone	Isotype	Reactivity
H57-597	Hamster IgG	Mouse

Description

T cell receptor (TCR) is a heterodimer consisting of an α and a β chain (TCR α/β) or a γ and a δ chain (TCR γ/δ). TCR- β is a member of the immunoglobulin superfamily and a component of the CD3/TCR complex (along with TCR- α). It is expressed on α/β TCR-bearing T cells and thymocytes. The CD3/TCR complex plays a key role in antigen recognition, signal transduction, and T cell activation.

Illustration of Immunofluorescent Staining



C57BL/6 mouse splenocytes stained with FITC anti-mouse CD3 and Biotin anti-mouse TCR β chain, followed by PE-SA

Product Information

Conjugation: Biotin

Formulation: PBS pH 7.2, 0.09% NaN_3 , 0.2% BSA

Concentration: 0.5 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 $\leq 0.25 \mu\text{g}/10^6$ cells in 100 μl). Since applications vary, the appropriate dilutions must be determined for individual use.

References

- [1] Davis MM, et al. 1998. Ann. Rev. Immunol. 16:523.
- [2] Huppa JB, et al. 2003. Nat. Immunol. 4:749.
- [3] Kubo R, et al. 1989. J. Immunol. 142:2736.

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