

FITC Anti-Mouse CD4 (GK1.5) 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
M10043-02B	50 µg
M10043-02E	500 µg

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.

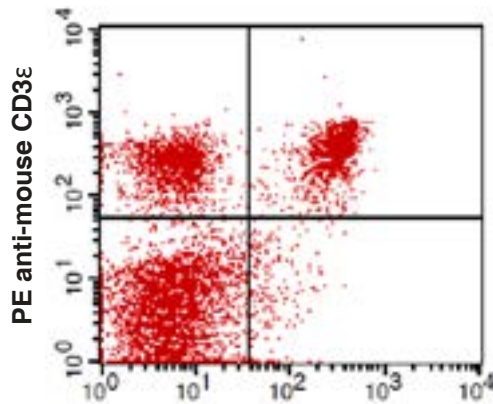
Purified Antibody Characterization

Clone	Isotype	Reactivity
GK1.5	Rat IgG2b	Mouse

Description

CD4 is a 55 kD protein also known as L3T4 or T4. It is a member of the Ig superfamily, primarily expressed on most thymocytes, a subset of T cells, and weakly on macrophages and dendritic cells. It acts as a coreceptor with the TCR during T cell activation and thymic differentiation by binding MHC class II and associating with the protein tyrosin kinase, lck.

Illustration of Immunofluorescent Staining



FITC anti-mouse CD4

C57BL/6 mouse splenocytes stained with FITC anti-mouse CD4 and PE anti-mouse CD3ε

Product Information

Conjugation: FITC

Formulation: PBS pH 7.2, 0.09% NaN₃, 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 ≤ 0.25 µg /10⁶ cells in 100 µl). Since applications vary, the appropriate dilutions must be determined for individual use.

References

- [1] Barclay, A., et al. 1997. The Leukocyte Antigen FactsBook, Academic Press.
- [2] Bierer, B.E., et al. 1989. Annu. Rev. Immunol. 7:579.
- [3] Janeway, C.A. 1992. Annu. Rev. Immunol. 10:645.

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