



抗小鼠 CD4 流式单抗(iFluor™488)[GK1.5]

货号: ZX001R1-025; ZX001R1-100 **种属反应:** Mouse CD4 蛋白
抗体亚型: Rat IgG2b κ **荧光标记染料:** iFluor™488 (Ex 499nm/ Em 520nm)
抗体来源: 杂交瘤细胞 (GK1.5) 悬浮培养, 亲和层析纯化
保存液成分: PBS pH7.4, 0.01% NaN₃
应用: 免疫荧光, 流式细胞检测
包装规格: 25 μ g/支 (100 μ g/支), 0.5mg/mL **贮存运输:** 2~8°C, 避光 **保质期:** 2 年
使用方法: 每 100 μ L 反应体系 (10⁶ 个细胞) 加入 1 μ L 抗体, 即 1:100 稀释。建议优化稀释比例。

简介:

本公司抗体产品经先进的杂交瘤细胞 (或 CHO 细胞) 无血清悬浮培养技术表达, 避免腹水表达中宿主抗体的污染。经亲和层析纯化, 抗体纯度可达 95% 以上, 且可保持较高的抗体活性。本产品单克隆抗体 (GK1.5) 可特异性结合小鼠 T 细胞表面糖蛋白 CD4, 并经 iFluor™488 标记。

注意事项: 本试剂只适用于科研应用, 不可用于临床检测。

参考文献:

1. Fitch FW, et al. Evidence implicating L3T4 class II MHC antigen reactivity; monoclonal antibody GK1.5 (anti-L3T4a) blocks class II MHC antigen-specific proliferation, release of lymphokines, and binding by cloned murine helper T lymphocyte lines. *J. Immunol.* 131: 2178-2183, 1983. PubMed: 6195255
2. Dialynas DP, et al. Characterization of the murine T cell surface molecule, designated L3T4, identified by monoclonal antibody GK1.5: similarity of L3T4 to the human Leu-3/T4 molecule. *J. Immunol.* 131: 2445-2451, 1983. PubMed: 6415170
3. Garvy BA, Harmsen AG. The role of T cells in infection-driven interstitial pneumonia after bone marrow transplantation in mice. *Transplantation* 62: 517-525, 1996. PubMed: 8781619

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Anti-Mouse CD4 Monoclonal Antibody (iFluor™488) [GK1.5]

Catalog: ZX001R1-025; ZX001R1-100 **Antigen:** Against mouse CD4
Antibody Host: Rat IgG2b κ **Fluorescent Labeling Dye:** iFluor™488 (Ex 489nm/ Em 515nm)
Antibody Origin: Hybridomas (Clone: GK1.5) Culture, Affinity Purification
Formulation: PBS pH7.4, 0.01% NaN₃
Application: FC (Flow Cytometry), IF (Immunofluorescence)
Package Specification: 25 μ g/Vial(100 μ g/Vial), 0.5mg/mL **Guarantee Period:** 2 years
Storage & Handling: stored between 2°C and 8°C, protected from light exposure. **Do not freeze.**
Recommended Usage: $\leq 1 \mu\text{L} / 10^6$ cells in 100 μl volume per test (Maximum dilution 1:100)

Product Information:

To improve the quality of monoclonal antibodies for research purpose, ZXBio develops novel cell culturing technologies to grow hybridomas/CHO cells in serum-free condition. This method is superior to traditional ascites production method, which always contaminates the purified antibodies with host proteins. Using affinity purification, ZXBio is able to purify monoclonal antibodies at a purity higher than 95%.

Anti-Mouse CD4 Monoclonal Antibody [GK1.5] specifically binds mouse T cell membrane CD4 surface antigen and the product is labeled with iFluor™488.

Application Notes: For research use only, Not for use in diagnostic procedures.

Reference:

- 1.Fitch FW, et al. Evidence implicating L3T4 class II MHC antigen reactivity; monoclonal antibody GK1.5 (anti-L3T4a) blocks class II MHC antigen-specific proliferation, release of lymphokines, and binding by cloned murine helper T lymphocyte lines. J. Immunol. 131: 2178-2183, 1983. PubMed: 6195255
- 2.Dialynas DP, et al. Characterization of the murine T cell surface molecule, designated L3T4, identified by monoclonal antibody GK1.5: similarity of L3T4 to the human Leu-3/T4 molecule. J. Immunol. 131: 2445-2451, 1983. PubMed: 6415170
- 3.Garvy BA, Harmsen AG. The role of T cells in infection-driven interstitial pneumonia after bone marrow transplantation in mice. Transplantation 62: 517-525, 1996. PubMed: 8781619

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