



抗小鼠 CD25 流式单抗(iFluor™488) [PC61 5.3]

货号: ZX020R1-025; ZX020R1-100 种属反应: 小鼠 CD25 蛋白
抗体亚型: Rat/IgG1,lambda 荧光标记染料: iFluor™488 (Ex 499nm/ Em 520nm)
抗体来源: 杂交瘤细胞 (PC61 5.3) 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: 25μg/支 (100μg/支), 0.5mg/mL 贮存运输: 2~8℃, 避光 保质期: 2 年
使用方法: 每 100μL 反应体系 (10⁶ 个细胞) 加入 1μL 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 (PC61 5.3) 可特异性结合小鼠细胞表面蛋白 CD25, 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.Hall BM, Robinson CM, Plain KM, et al. Changes in Reactivity In Vitro of CD4+CD25+ and CD4+CD25- T Cell Subsets in Transplant Tolerance. *Front Immunol.* 2017;8:994. Published 2017 Aug 22.
- 2.Wing JB, Kitagawa Y, Locci M, et al. A distinct subpopulation of CD25- T-follicular regulatory cells localizes in the germinal centers. *Proc Natl Acad Sci U S A.* 2017;114(31):E6400–E6409.
- 3.Meng ZJ, Wu JH, Zhou M, et al. Peripheral blood CD4+ T cell populations by CD25 and Foxp3 expression as a potential biomarker: reflecting inflammatory activity in chronic obstructive pulmonary disease. *Int J Chron Obstruct Pulmon Dis.* 2019;14:1669–1680. Published 2019 Jul 30.
- 4.Huang S, Wang W, Chi L. Feasibility of up-regulating CD4(+)CD25(+) Tregs by IFN-γ in myasthenia gravis patients. *BMC Neurol.* 2015;15:163. Published 2015 Sep 7.

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Anti-Mouse CD25 Monoclonal Antibody (iFluor™488)

[PC61 5.3]

Catalog: ZX020R1-025; ZX020R1-100 **Antigen:** Against Mouse CD25
Antibody Host: Rat/IgG1,lambda **Fluorescent Labeling Dye:** iFluor™488 (Ex 499nm/ Em 520nm)
Antibody Origin: Hybridomas (Clone: PC61 5.3) Culture, Affinity Purification
Formulation: PBS pH7.4, 0.01% NaN₃
Application: FC (Flow Cytometry), IF (Immunofluorescence)
Package Specification: 25µg/Vial(100µg/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: ≤1 µL /10⁶ 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 CD25 Monoclonal Antibody [PC61 5.3] specifically binds mouse T cell membrane CD25 surface antigen and the product is labeled with iFluor™488.

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

Reference:

- 1.Hall BM, Robinson CM, Plain KM, et al. Changes in Reactivity In Vitro of CD4+CD25+ and CD4+CD25- T Cell Subsets in Transplant Tolerance. *Front Immunol.* 2017;8:994. Published 2017 Aug 22.
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- 4.Huang S, Wang W, Chi L. Feasibility of up-regulating CD4(+)CD25(+) Tregs by IFN-γ in myasthenia gravis patients. *BMC Neurol.* 2015;15:163. Published 2015 Sep 7.

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