



# 抗人 CD3 流式单抗(PE)[OKT3]

货号: ZX036PE-025; ZX036PE-100                      种属反应: 人 CD3 蛋白  
抗体亚型: Mouse/IgG2a,kappa                      荧光标记染料: PE (Ex 564nm/ Em 574nm)  
抗体来源: 杂交瘤细胞 (OKT3) 悬浮培养, 亲和层析纯化  
保存液成分: PBS pH7.4, 0.01% NaN<sub>3</sub>  
应用: 免疫荧光, 流式细胞检测  
包装规格: 25μg/支 (100μg/支), 0.25mg/mL      贮存运输: 2~8℃, 避光      保质期: 2 年  
使用方法: 每 100μL 反应体系 (10<sup>6</sup> 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 (OKT3) 可特异性结合小鼠细胞表面蛋白 CD3, 并经 PE 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.Niu J, Zhai Z, Hao F, Zhang Y, Song Z, Zhong H. Dissection of a circulating CD3+ CD20+ T cell subpopulation in patients with psoriasis. Clin Exp Immunol. 2018;192(2):206–212.
- 2.Rodriguez-Cruz A, Vesin D, Ramon-Luing L, et al. CD3+ Macrophages Deliver Proinflammatory Cytokines by a CD3- and Transmembrane TNF-Dependent Pathway and Are Increased at the BCG-Infection Site. Front Immunol. 2019;10:2550. Published 2019 Nov 7.
- 3.Lee SH, Shin DJ, Kim Y, et al. Comparison of Phenotypic and Functional Characteristics Between Canine Non-B, Non-T Natural Killer Lymphocytes and CD3+CD5dimCD21- Cytotoxic Large Granular Lymphocytes. Front Immunol. 2018;9:841. Published 2018 Apr 27.
- 4.Mair KH, Stadler M, Talker SC, et al. Porcine CD3(+)NKp46(+) Lymphocytes Have NK-Cell Characteristics and Are Present in Increased Frequencies in the Lungs of Influenza-Infected Animals. Front Immunol. 2016;7:263. Published 2016 Jul 14.

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## Anti-Human CD3 Monoclonal Antibody (PE) [OKT3]

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**Catalog:** ZX036PE-025; ZX036PE-100      **Antigen:** Against Human CD3  
**Antibody Host:** Mouse/IgG2a,kappa      **Fluorescent Labeling Dye:** PE (Ex 564nm/ Em 574nm)  
**Antibody Origin:** Hybridomas (Clone: OKT3) Culture, Affinity Purification  
**Formulation:** PBS pH7.4, 0.01% NaN<sub>3</sub>  
**Application:** FC (Flow Cytometry), IF (Immunofluorescence)  
**Package Specification:** 25µg/Vial(100µg/Vial), 0.25mg/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 /10<sup>6</sup> 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-Human CD3 Monoclonal Antibody [OKT3] specifically binds mouse T cell membrane CD3 surface antigen and the product is labeled with PE.

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

### Reference:

- 1.Niu J, Zhai Z, Hao F, Zhang Y, Song Z, Zhong H. Dissection of a circulating CD3+ CD20+ T cell subpopulation in patients with psoriasis. *Clin Exp Immunol.* 2018;192(2):206–212.
- 2.Rodriguez-Cruz A, Vesin D, Ramon-Luing L, et al. CD3+ Macrophages Deliver Proinflammatory Cytokines by a CD3- and Transmembrane TNF-Dependent Pathway and Are Increased at the BCG-Infection Site. *Front Immunol.* 2019;10:2550. Published 2019 Nov 7.
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