

PerCP/Cy5.5 Anti-Mouse CD3 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 |
|----------------|-----------|
| M10034-33A | 25 µg |
| M10034-33C | 100 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 |
|-------|-----------|------------|
| 17A2 | Rat IgG2b | Mouse |

Description

CD3, also known as T3, is a member of the Ig superfamily and primarily expressed on T cells, NK-T cells, and at different levels on thymocytes during T cell differentiation. CD3 is composed of CD3ε, δ, γ and ζ chains. It forms a TCR complex by associating with TCR α/β or γ/δ chains. CD3 plays a critical role in TCR signal transduction, T cell activation, and antigen recognition by binding the peptide/MHC antigen complex.

Product Information

Conjugation: PerCP/Cy5.5

Formulation: PBS pH 7.2, 0.09% NaN₃, 0.2% BSA

Concentration: 0.2 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 $\leq 1.0 \mu\text{g} / 10^6$ cells in 100 µl). Since applications vary, the appropriate dilutions must be determined for individual use.

References

- [1] Miescher, G.C., et al. 1989. Immunol. Lett. 23:113.
- [2] Mysliwietz, J., et al. 1992. Blood 80:2661.
- [3] Wu, L., et al. 1991. J. Exp. Med. 174:1617.
- [4] Zhang, Y., et al. 2002. J. Immunol. 168:3088.
- [5] Zan, H., et al. 2005. EMBO J. 24:3757.

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