

PE Anti-Mouse IL-2 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 |
|----------------|-----------|
| M100I8-09B | 50 µg |
| M100I8-09D | 200 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.

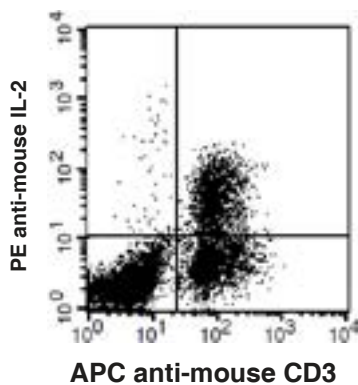
Purified Antibody Characterization

| Clone | Isotype | Reactivity |
|----------|-----------|------------|
| JES6-5H4 | Rat IgG2b | Mouse |

Description

IL-2 is a potent lymphoid cell growth factor which exerts its biological activity primarily on T cells. Additionally, IL-2 has been found to stimulate growth and differentiation of B cells, NK cells, LAK cells, monocytes, and oligodendrocytes.

Illustration of Immunofluorescent Staining



PMA-ionomycin-stimulated C57BL/6 mouse CD3-positive splenocytes intracellularly stained with PE anti-mouse IL-2 and APC anti-mouse CD3

Product Information

Conjugation: PE

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] Klinman, D., et al. 1994. Curr. Prot. Immunol. John Wiley and Sons, New York. Unit 6.19.
- [2] Mo, X., et al. 1995. J. Virol. 69:1288.
- [3] Karulin, A., et al. 2000. J. Immunol. 164:1862.
- [4] Finkelman, F., et al. 2003. Curr. Prot. Immunol. John Wiley & Sons, New York. Unit 6.28.
- [5] Ko, S-Y., et al. 2005. J. Immunol. 175:3309. PubMed.

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