

## Biotin Anti-Mouse CD19 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
M10191-08B	50 µg
M10191-08E	500 µg

**Market** | 400-621-0003  
marketing@sungenebiotech.com

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**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.  
This product is guaranteed up to one year from purchase.

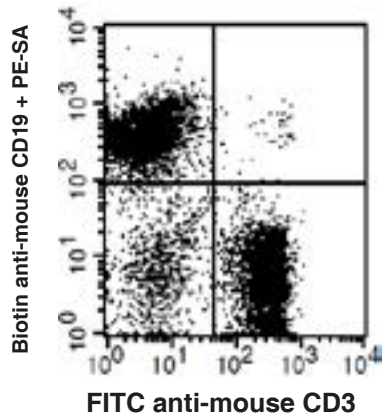
### Purified Antibody Characterization

Clone	Isotype	Reactivity
1D3	Rat IgG2a	Mouse

### Description

CD19 is a 95 kD glycoprotein also known as B4. It is a member of the Ig superfamily, expressed on all pro-B to mature B cells (during development) and follicular dendritic cells. Plasma cells do not express CD19. CD19, in association with CD21 and CD81, forms a molecular complex integral to B cell activation.

### Illustration of Immunofluorescent Staining



C57BL/6 mouse splenocytes stained with FITC anti-mouse CD3 and Biotin anti-mouse CD19, followed by PE-SA

### Product Information

**Conjugation:** Biotin

**Formulation:** PBS pH 7.2, 0.09% NaN<sub>3</sub>, 0.2% BSA

**Concentration:** 0.5 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  $\leq 1.0$  µg /10<sup>6</sup> cells in 100 µl). Since applications vary, the appropriate dilutions must be determined for individual use.

### References

- [1] Fearon, D.T., 1993. Curr. Opin. Immunol. 5:341.
- [2] Krop, I., et al. 1996. Eur. J. Immunol. 26:238.
- [3] Krop, I., et al. 1996. J. Immunol. 157:48.
- [4] Tedder T.F., et al. 1994. Immunol. Today 15:437.

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