

## APC Anti-Human 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 |
|----------------|-----------|
| H20191-11G     | 25 tests  |
| H20191-11H     | 100 tests |

**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.

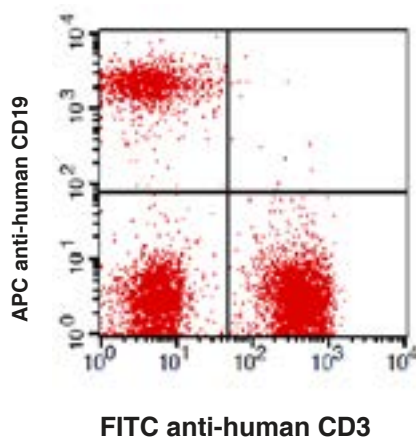
### Purified Antibody Characterization

| Clone  | Isotype    | Reactivity |
|--------|------------|------------|
| H1B19a | Mouse IgG1 | Human      |

### Description

CD19 is a 95 kD type I transmembrane glycoprotein is also known as B4. It is a member of the immunoglobulin superfamily expressed on B-cells (from pro-B to blastoid B cells, absent on plasma cells) and follicular dendritic cells. CD19 is involved in B cell development, activation, and differentiation. CD19 forms a complex with CD21 (CR2) and CD81 (TAPA-1), and functions as a BCR co-receptor.

### Illustration of Immunofluorescent Staining



Human peripheral blood lymphocytes stained with FITC anti-human CD3 and APC anti-human CD19

### Product Information

**Conjugation:** APC

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

**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 from 20 µL to 5 µL per 100 µL of peripheral blood. Please check your vial). Since applications vary, the appropriate dilutions must be determined for individual use.

### References

- [1] Schlossman, S., et al. 1995. Leucocyte Typing V. Oxford University Press. New York.
- [2] Knapp, W., et al. 1989. Leucocyte Typing IV. Oxford University Press. New York.
- [3] Bradbury, L., et al. 1993. J. Immunol. 151:2915.
- [4] Joseph, A., et al. 2010. J. Virol. 84:6645.
- [5] Wang, X., et al. 2010. Haematologica. 95:884. (FC)
- [6] Walker, J.D., et al. 2009. J. Immunol. 182:1548. (Block)
- [7] Yoshino, N., et al. 2000. Exp. Anim. (Tokyo) 49:97. (FC)

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