Store at 4°C

PE 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

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Catalog Number	Vial Size
H20191-09G	25 tests
H20191-09H	100 tests

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

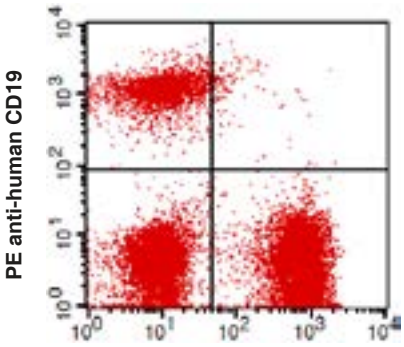
Purified Antibody Characterization

Clone	Isotype	Reactivity
HIB19a	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 PE anti-human CD19

Product Information

Conjugation: PE

Formulation: PBS pH 7.2, 0.09% NaN_3, 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)

For Research Use Only.

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