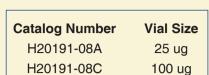
## **Biotin Anti-Human CD19 Monoclonal Antibody**





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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
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.

### **Product Information**

Conjugation: Biotin

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: RecommendedApplication: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  $\leq 0.5$  µg per  $10^6$  cells in 100 µl volume or 100 µl of whole blood. Please check your vial). Since applications vary, the appropriate dilutions must be determined for individual use.

#### References

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- [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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