

## Datasheet

### CD19 monoclonal antibody, clone SJ25-C1 (Biotin)

**Catalog Number:** MAB5978

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against native CD19.

**Clone Name:** SJ25-C1

**Immunogen:** Native purified from NALM-1 and NALM-16 cells.

**Host:** Mouse

**Reactivity:** Human

**Applications:** Flow Cyt, IHC-Fr, IP  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Specificity:** Specificity CD19

**Form:** Liquid

**Conjugation:** Biotin

**Isotype:** IgG1

**Recommend Usage:** Flow Cytometry (10 ul/10<sup>6</sup> cells)  
The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS (0.09% sodium azide)

**Storage Instruction:** Store in the dark at 4°C. Do not freeze.

Avoid prolonged exposure to light.

Aliquot to avoid repeated freezing and thawing.

#### References:

1. Activation of B lymphocytes: integrating signals from CD19, CD22 and Fc gamma RIIb1. Doody GM, Dempsey PW, Fearon DT. *Curr Opin Immunol*. 1996

Jun;8(3):378-82.

2. The CD19/CR2/TAPA-1 complex of B lymphocytes: linking natural to acquired immunity. Fearon DT, Carter RH. *Annu Rev Immunol*. 1995;13:127-49.

3. The CD19/CD21 signal transduction complex of B lymphocytes. Tedder TF, Zhou LJ, Engel P. *Immunol Today*. 1994 Sep;15(9):437-42.