

## Datasheet

### **Cd19 monoclonal antibody, clone 6D5 (Cy5)**

**Catalog Number:** MAB5692

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

**Product Description:** Rat monoclonal antibody raised against Cd19.

**Clone Name:** 6D5

**Immunogen:** Mouse CD19-expressing K562 human erythroleukemia cells.

**Host:** Rat

**Reactivity:** Mouse

**Applications:** Flow Cyt, 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:** CD19 B-cell differentiation antigen, Mr 95 KDa.

**Form:** Liquid

**Conjugation:** Cy5

**Isotype:** IgG2a, kappa

**Recommend Usage:** Flow Cytometry (0.2 ug/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.

**Entrez GeneID:** 12478

**Gene Symbol:** Cd19

**Gene Alias:** AW495831

**References:**

1. The signaling activity of murine CD19 is regulated during cell development. Krop I, Shaffer AL, Fearon DT, Schlissel MS. *J Immunol.* 1996 Jul 1;157(1):48-56.
2. Self-renewal of B-1 lymphocytes is dependent on CD19. Krop I, de Fougerolles AR, Hardy RR, Allison M, Schlissel MS, Fearon DT. *Eur J Immunol.* 1996 Jan;26(1):238-42.
3. The CD19-CR2-TAPA-1 complex, CD45 and signaling by the antigen receptor of B lymphocytes. Fearon DT. *Curr Opin Immunol.* 1993 Jun;5(3):341-8.