

## Datasheet

### **Cd4 monoclonal antibody, clone GK1.5 (Cy5)**

**Catalog Number:** MAB5922

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

**Product Description:** Rat monoclonal antibody raised against Cd4.

**Clone Name:** GK1.5

**Immunogen:** Cloned mouse CTL line V41.

**Host:** Rat

**Reactivity:** Mouse

**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:** CD4/L3T4a, Mr 52 KDa.

**Form:** Liquid

**Conjugation:** Cy5

**Isotype:** IgG2b, 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:** 12504

**Gene Symbol:** Cd4

**Gene Alias:** L3T4, Ly-4

#### **References:**

1. Repertoire development and ligand specificity of murine TCR gamma delta cells. Bluestone JA, Cron RQ, Barrett TA, Houlden B, Sperling AI, Dent A, Hedrick S, Rellahan B, Matis LA. Immunol Rev. 1991 Apr;120:5-33.
2. CD4 expressed on earliest T-lineage precursor cells in the adult murine thymus. Wu L, Scollay R, Egerton M, Pearse M, Spangrude GJ, Shortman K. Nature. 1991 Jan 3;349(6304):71-4.
3. Role of L3T4 and Ia in the heteroclitic response of T cells to cytochrome c. Lakey EK, Margoliash E, Fitch FW, Pierce SK. J Immunol. 1986 Jun 1;136(11):3933-8.