



## CD4 monoclonal antibody

Catalog: MB21032

Host: Mouse

Reactivity: Human

### BackGround:

The CD4 antigen is highly expressed on human T helper cells and thymocytes, and at lower levels on monocytes and dendritic cells. This integral membrane glycoprotein of approximately 58 kDa contains four external domains (D1 to D4) that show homology to members of the immunoglobulin (Ig) superfamily. It is responsible for the recognition of the MHC class II antigen. The CD4 antibody recognizes most thymocytes and about 65% of peripheral blood T cells.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

### Swiss-Prot:

P01730

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

FC:1/200 - 1/400

### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

Mouse IgG1

### DATA:

### Note:

For research use only, not for use in diagnostic procedure.

### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park,  
MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046,  
P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151