

Monoclonal antibody to CD4

Cat. #: Mab-604008 (0.1mg)

Description:

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.

Clone Number: B486A1

Isotype: IgG1

Species: Human

Storage and Stability: stored at -20 C

Immunogen/Specificity:

Ni-NTA purified recombinant human CD4 expressed in E. Coli strain BL21 (DE3).

Applications :

Western Blot, IHC and ELISA.

Dilution:

Western Blot: 1:500-1,000

ELISA: Determining optimal working dilutions by titration test.

Formulation

Antibodies are purified by protein A affinity chromatography.

Reference:

1. M Benkirane J Virol. 1995 November; 69(11): 6898-6903