

# Anti-CD4, Humanized Antibody (Ib7)

rev 11/21

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**CATALOG NO.:** A2251-100 (100 µg)

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**BACKGROUND DESCRIPTION:** The research-grade biosimilar is a humanized monoclonal antibody that targets CD4. CD4 is a primary receptor for the human immunodeficiency virus (HIV-1). HIV-1 enters target cells by binding to CD4 via envelope glycoprotein (gp120). As a result, the CD4/gp120 complex enables the binding of gp120 to another cell receptor CCR5 or CXCR4. This interaction allows gp41 mediated fusion of viral envelope with the target cell membrane.**ALTERNATE NAMES:** CD4mut, CD4, CD4 Molecule, T-Cell Surface Glycoprotein CD4, T-Cell Surface Antigen T4/Leu-3, CD4 Antigen (P55), CD4 Receptor, CD4 Antigen**ANTIBODY TYPE:** Monoclonal**HOST/ISOTYPE:** Recombinant / IgG4, kappa**SOURCE:** CHO cells**IMMUNOGEN:** Human CD4**PURIFICATION:** Protein A purified**FORM:** Liquid**FORMULATION:** In PBS, pH 7.5**SPECIES REACTIVITY:** Human**STORAGE CONDITIONS:** Store at -80 °C. Avoid freeze/thaw cycles**This information is only intended as a guide. The optimal dilutions must be determined by the user****RELATED PRODUCTS:**

Anti-CD40L, Human IgG1 Antibody (A1094)  
Anti-CD41, Rabbit IgG, kappa Antibody (A2006)  
Anti-CD3 epsilon, Mouse IgG2a, kappa Antibody (A2008)  
Anti-CD4, Human IgG4 Antibody (A1091)  
Anti-CD4, Rabbit IgG, kappa Antibody (A2012)

***FOR RESEARCH USE ONLY! Not to be used on humans.***