

Anti-CD4 (Campath-9H), Rabbit IgG, kappa Antibody

CATALOG NO.:	A2012-50 (50 µg)
	A2012-100 (100 µg)

BACKGROUND DESCRIPTION: CD4 gene encodes a membrane glycoprotein of T lymphocytes that interacts with major histocompatibility complex class II antigens and is also a receptor for the human immunodeficiency virus. This gene is expressed not only in T lymphocytes, but also in B cells, macrophages, and granulocytes. It is also expressed in specific regions of the brain. The protein functions to initiate or augment the early phase of T-cell activation, and may function as an important mediator of indirect neuronal damage in infectious and immune-mediated diseases of the central nervous system. Multiple alternatively spliced transcript variants encoding different isoforms have been identified in this gene. Anti-CD4 (Campath-9H) monoclonal antibody recognizes the 55 kDa human CD4 cell surface antigen. This chimeric rabbit antibody was made using the variable domain sequences of the original rat IgG1 format, for improved compatibility with existing reagents, assays and techniques.

ALTERNATE NAMES: Cluster of differentiation 4; T-cell surface glycoprotein CD4; T-cell surface antigen T4/Leu-3

ANTIBODY TYPE: Monoclonal

CLONE: YNB46.1.8 (Campath-9H)

HOST/ISOTYPE: Recombinant / Rabbit IgG, kappa

IMMUNOGEN: Rat T-cell line (NB2) transfected with the human CD4

SOURCE: CHO cells

FORM: Liquid

FORMULATION: Supplied in PBS, pH 7.5

SPECIES REACTIVITY: Human

STORAGE CONDITIONS: Aliquot and store at -20 °C to -80 °C. Avoid repeated freeze-thaw cycles

APPLICATIONS AND USAGE: WB, FC, IHC, IHC-Fr

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user

RELATED PRODUCTS:

Anti-CD20 (Rituximab), Chimeric Antibody (A1049)
 Anti-CD11a (Efalizumab), Human IgG1 Antibody (A1089)
 Anti-CD33 (Gemtuzumab), Human IgG4 Antibody (A1443)
 Anti-CD4 (Clenoliximab), Human IgG4 Antibody (A1091)

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