

Human CD4 (203-317) - Purified

Alternate names:	T-cell surface antigen T4/Leu-3, T-cell surface glycoprotein CD4
Catalog No.:	AR10029PU-L
Quantity:	1 mg
Background:	CD4, a single chain transmembrane glycoprotein, is found on a T cell subset (helper/inducer) representing 45% of peripheral blood lymphocytes. It is also present on 80% of thymocytes and at a lower level on monocytes. It is involved in recognition of antigen presented along with MHC class II by APCs. It serves as receptor for HIV. Antibody to CD4 recognizes T-helper cells required for recognition of class II antigens. It reacts with ~60% of peripheral blood E rosette-positive (E+) cells while showing negligible reactivity with E- cells, monocytes, granulocytes, EBV-transformed B cell lines, and mouse splenocytes.
Uniprot ID:	P01730
NCBI:	NP_000607.1
GeneID:	920
Species:	Human
Source:	E. coli
Format:	State: Sterile lyophilized powder. Buffer System: Each mg contains 1X PBS, 0.1% SDS and 1mM DTT.
Applications:	Protein Assay. Antibody Production. Western Blotting. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Description:	Recombinant CD4 Human His Tag protein encoding 203-317 amino acids.
Storage:	Store the protein at -20°C to -80°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.