

10-6566: Mouse Monoclonal Antibody to CD4 (Clone: OKT4)(Discontinued)

Clonality :	Monoclonal
Clone Name :	OKT4
Application :	WB
Reactivity :	Human
Gene :	CD4
Gene ID :	920
Uniprot ID :	P01730
Format :	Purified
Alternative Name :	T-cell surface glycoprotein CD4, T-cell surface antigen T4/Leu-3, CD4, CD4
Isotype :	Mouse IgG2b,Kappa

Description

This 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.

Product Info

Amount :	80 µl / 400 µl
Purification :	Protein G Chromatography
Content :	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage condition :	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles.

Application Note

WB~1:100~250

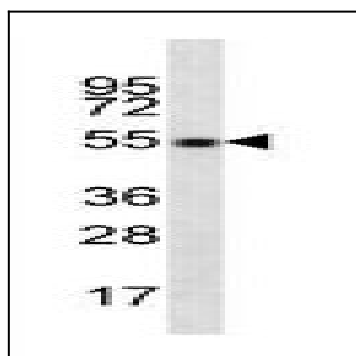


Figure 1: Western blot analysis of CD4 Antibody (10-6566) in CEM cell line lysates (35 µg/lane). This demonstrates the CD4 antibody detected the CD4 protein.