

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

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

<b>Amount :</b>	80 $\mu$ l / 400 $\mu$ l
<b>Purification :</b>	Protein G Chromatography
<b>Content :</b>	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
<b>Storage condition :</b>	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

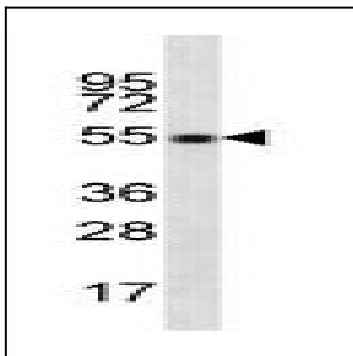


Figure 1: Western blot analysis of CD4 Antibody (10-6566) in CEM cell line lysates (35 $\mu$ g/lane). This demonstrates the CD4 antibody detected the CD4 protein.