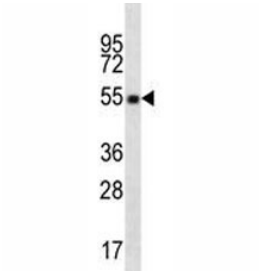
OKT4 Antibody (anti-CD4) [clone OKT4] (F40306)

Catalog No.	Formulation	Size
F40306-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40306-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, k
Clone Name	OKT4
Purity	Purified
UniProt	P01730
Applications	Western blot: 1:100-1:250
Limitations	This OKT4 antibody is available for research use only.



OKT4 antibody western blot of CD4 in CEM lysate

Description

This gene encodes a membrane glycoprotein of T lymphocytes that interacts with major histocompatibility complex class II antigenes 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.

Application Notes

Titration of the OKT4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This monoclonal OKT4 antibody was produced from a mouse immunized with human peripheral T cells.

Storage

Aliquot the OKT4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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