

Name: CD4 mouse monoclonal antibody, clone 12C8
Product Data Sheet - TRUEMAB**Catalog: TA800577**

Components:	• CD4 mouse monoclonal antibody, clone 12C8 (TA800577)
Amount:	100ul
Immunogen:	Full length human recombinant protein of human CD4 (NP_000607) produced in HEK293T cell.
Host:	Mouse
Isotype:	IgG1
Species Reactivity:	Human
Guaranteed Applications:	WB
Suggested Dilutions:	
Concentration:	1.00 mg/ml
Buffer:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Purification:	Purified from mouse ascites fluids by affinity chromatography
Storage Condition:	Shipped at -20C. Upon delivery store at -20C. Dilute in PBS (pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

Target

Target Name:	Homo sapiens CD4 molecule (CD4), transcript variant 1
Alternative Name:	CD4mut
Database Link:	NP_000607
Function:	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.

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.

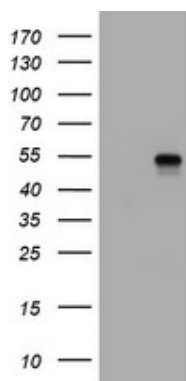
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[provided by RefSeq, Aug 2010].

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Validation Data



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CD4 (RC206453, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CD4.

* More validation images may be available on our website: <http://www.origene.com/antibody/TA800577.aspx>

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