

Name: CD4 mouse monoclonal antibody, clone UMAB64
Product Data Sheet - UltraMAB

Catalog: UM800010

Gene Name: Homo sapiens CD4 molecule (CD4), transcript variant 1
GeneBank accession: NM_000616
Isotype: IgG2b

Reactivity: Human
Test application: WB
Clone Name: Clone UMAB64

Gene Synonym: CD4mut

Validation Data:

Guaranteed Applications: IHC

Western Blot

Suggested Dilutions: IHC 1:50~100,

Immunogen: Full length human recombinant protein of human CD4 (NP_000607) produced in HEK293T cell.

Components:

- CD4 mouse monoclonal antibody, clone UMAB64 (UM800010)

Amount:

UM800010 100ul

Concentration: 0.5~1.0 mg/ml (Lot Dependent)

Storage Condition: Shipped at 4C. Upon delivery store at -20C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

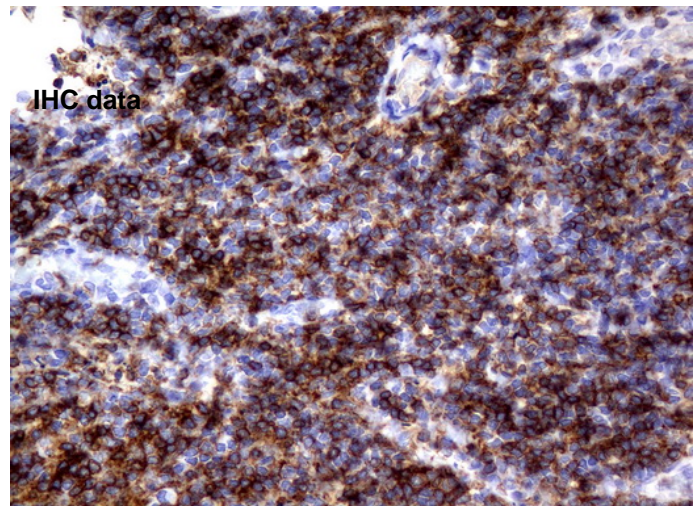
Buffer: PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

Purification:

Purified from mouse ascites fluids by affinity chromatography

Background:

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. [provided by RefSeq, Aug 2010].



Immunohistochemical staining of paraffin-embedded Human tonsil using anti-CD4 mouse monoclonal antibody. (UM800010)

Related Product:

TrueORF cDNA clones
VERIFY Tagged Antigen lysates
HuSH-29 shRNA
Western Blot reagents
Anti-myc/DDK tag antibodies

* Peptide sequence of the DDK-tag (Flag®): N-DYKDDDDK-C Flag® is a registered trademark of Sigma-Aldrich

* More validation images may be available on our website:

<http://www.origene.com/antibody/UM800010.aspx>

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

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