

CD4 Rabbit Polyclonal Antibody



CAB0362

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

51kDa

Calculated MW:

51kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

920

Uniprot

P01730

Synonyms:

CD4; CD4mut

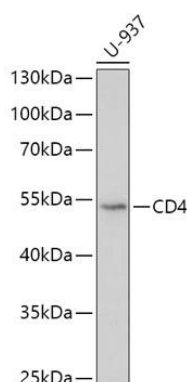
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 26-200 of human CD4 (NP_000607.1).

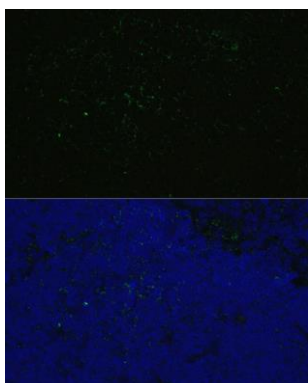
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

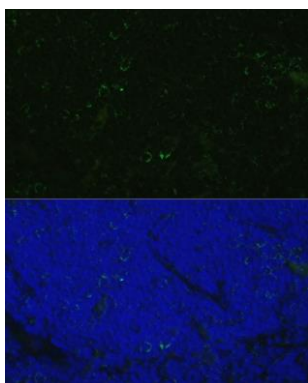
Product Images



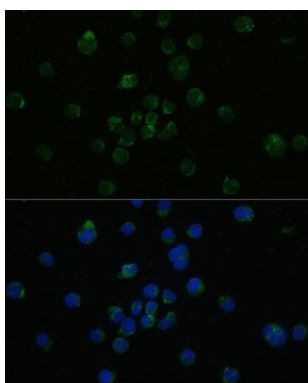
Western blot analysis of extracts of U-937 cells, using CD4 antibody (CAB0362) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.



Immunofluorescence analysis of Mouse thymus using CD4 antibody (CAB0362) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Rat thymus cells using CD4 antibody (CAB0362) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Jurkat cells using CD4 antibody (CAB0362) at dilution of 1:100. Blue: DAPI for nuclear staining.