CD4 Rabbit Polyclonal Antibody

Catalog No: #53032

Package Size: #53032-1 50ul #53032-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

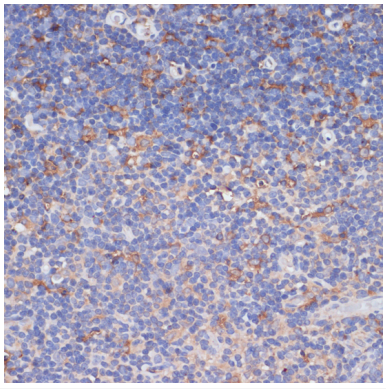
Description

Product Name	CD4 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human;Mouse;Rat
Immunogen Description	Recombinant fusion protein of human CD4 (NP_000607.1).
Conjugates	Unconjugated
Other Names	CD4;CD4mut
Accession No.	Swiss Prot:P01730GeneID:920
Calculated MW	51kDa
SDS-PAGE MW	51kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

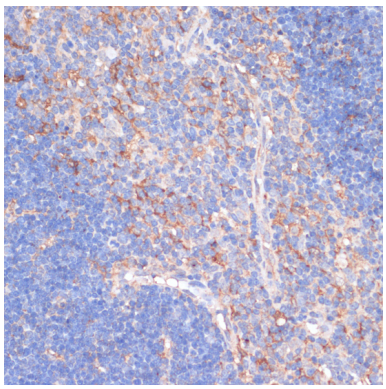
Application Details

WB□1:500 - 1:2000IF□1:50 - 1:200

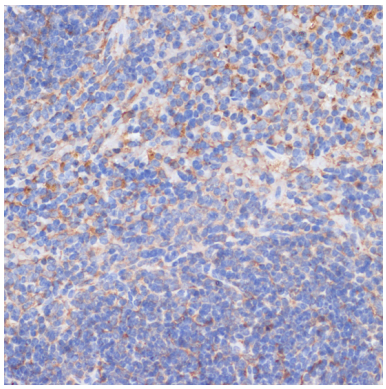
Images



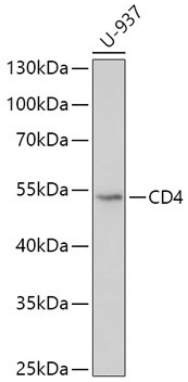
Immunohistochemistry of paraffin-embedded rat thymus using CD4 at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded mouse thymus using CD4 at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spleen using CD4 at dilution of 1:200 (40x lens).



Western blot analysis of extracts of U-937 cells, using CD4 at 1:500 dilution.

Background

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.

Published Papers

el at., CD155 Cooperates with PD-1/PD-L1 to Promote Proliferation of Esophageal Squamous Cancer Cells via PI3K/Akt and MAPK Signaling Pathways. In Cancers (Basel) on 2022 Nov 15 by Xiyang Tan, Jie Yang, et al..PMID:36428703, , (2022)

PMID:36428703

Note: This product is for in vitro research use only and is not intended for use in humans or animals.