

CD4 Polyclonal Antibody

Catalog No.	A0363	Category	Polyclonal Antibodies
Applications	IHC, IF	Observed MW	
Cross-reactivity	Human, Mouse, Rat	Calculated MW	51kDa

Immunogen Information

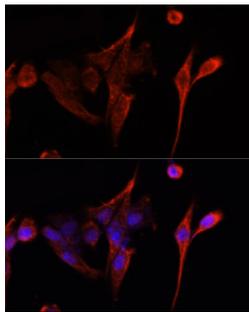
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 300-400 of human CD4 (NP_000607.1).
Gene ID	920
Swiss prot	P01730
Synonyms	CD4; CD4mut; CD4 molecule

Product information

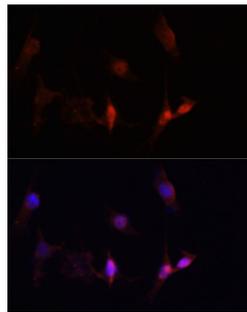
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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.



Immunofluorescence - CD4 Polyclonal Antibody (A0363)

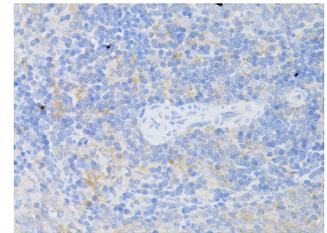


Immunofluorescence - CD4 Polyclonal Antibody (A0363)

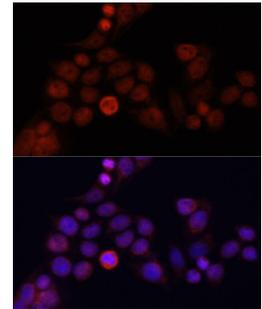
Recommended Dilutions

IHC 1:50 -
1:200

IF 1:50 -
1:200



Immunohistochemistry - CD4 Polyclonal Antibody (A0363)



Immunofluorescence - CD4 Polyclonal Antibody (A0363)