

## CD4 Polyclonal Antibody

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

### Immunogen Information

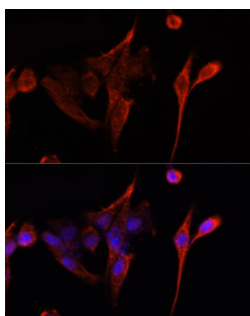
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence within amino acids 300-400 of human CD4 (NP_000607.1).
<b>Gene ID</b>	920
<b>Swiss prot</b>	P01730
<b>Synonyms</b>	CD4; CD4mut; CD4 molecule

### Product information

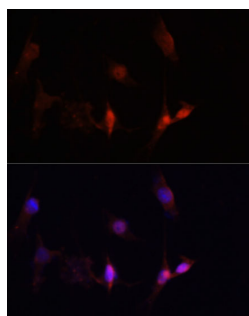
<b>Source</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification method</b>	Affinity purification
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

### 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)

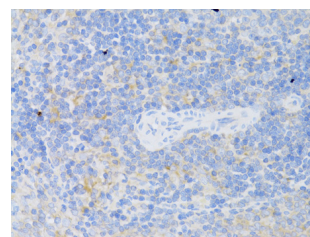


Immunofluorescence - CD4 Polyclonal Antibody (A0363)

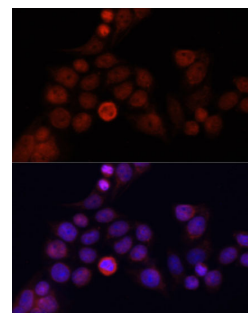
### Recommended Dilutions

IHC 1:50 -  
1:200

IF 1:50 -  
1:200



Immunohistochemistry - CD4 Polyclonal Antibody (A0363)



Immunofluorescence - CD4 Polyclonal Antibody (A0363)