

CD4 Conjugated Antibody

Catalog No: #C53032

Package Size: #C53032-AF350 100ul #C53032-AF405 100ul #C53032-AF488 100ul #C53032-AF555 100ul #C53032-AF594 100ul #C53032-AF647 100ul #C53032-AF680 100ul #C53032-AF750 100ul #C53032-Biotin 100ul #C53032-Conjugated 50ul

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Description

Product Name	CD4 Conjugated 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	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
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 4°C in dark for 6 months

Application Details

WB: 1:50-1:200

IF:1:50-1:200

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.

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