

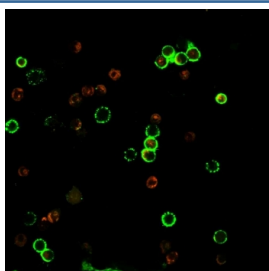
Recombinant CD4 Antibody [clone rC4/206] (V8517)

Catalog No.	Formulation	Size
V8517-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8517-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8517SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

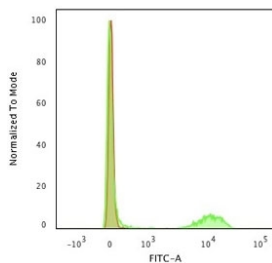
Recombinant MOUSE MONOCLONAL

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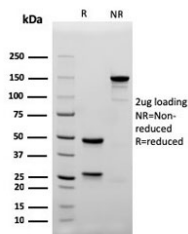
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rC4/206
Purity	Protein G affinity chromatography
UniProt	P01730
Localization	Cell surface
Applications	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml
Limitations	This recombinant CD4 antibody is available for research use only.



Immunofluorescent staining of human PBMC with recombinant CD4 antibody (clone rC4/206, green).



Flow cytometry testing of human PBMC with recombinant CD4 antibody (clone C40/2383); Red=isotype control, Green= recombinant CD4 antibody.



SDS-PAGE analysis of purified, BSA-free recombinant CD4 antibody (clone rC4/206) as confirmation of integrity and purity.

Description

Recognizes a protein of 55kDa, identified as CD4. CD4 is 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 protein 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.

Application Notes

Optimal dilution of the recombinant CD4 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human CD4 protein was used as the immunogen for the recombinant CD4 antibody.

Storage

Store the recombinant CD4 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).