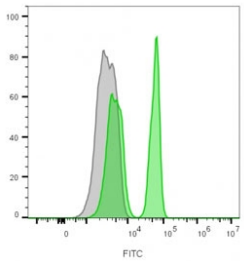
CD4 Antibody [clone C4/206] (V2381)

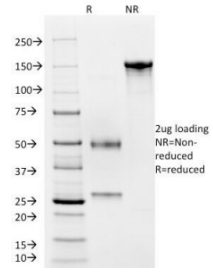
Catalog No.	Formulation	Size
V2381-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2381-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2381SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	C4/206
Purity	Protein G affinity chromatography
UniProt	P01730
Localization	Cell surface
Applications	ELISA (order BSA/sodium Azide-free Format For Coating) : Flow Cytometry : 1-2ug/million cells
Limitations	The CD4 antibody is available for research use only.



Flow cytometry staining of lymphocyte gated human PBM cells with CD4 antibody; Gray=unstained, Green= CD4 antibody.



SDS-PAGE Analysis of Purified, BSA-Free CD4 Antibody (clone C4/206). Confirmation of Integrity and Purity of the Antibody.

Description

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 CD4 antibody for a specific application should be determined by researcher.

Immunogen

Recombinant human CD4 protein was used as immunogen for the CD4 antibody.

Storage

CD4 antibody with azide can be stored at 2-8oC. The azide-free format should be aliquoted and stored at -20oC or colder.