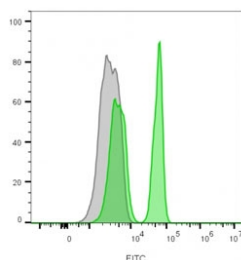


## CD4 Antibody [clone C4/206] (V2381)

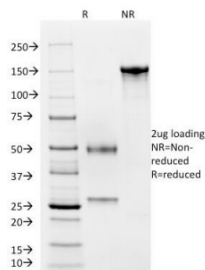
| Catalog No.    | Formulation  | Size   |
|----------------|--|--------|
| V2381-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V2381-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug  |
| V2381SAF-100UG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

**Bulk quote request**

|                           |  |
|---------------------------|--|
| <b>Availability</b>       | 1-3 business days  |
| <b>Species Reactivity</b> | Human  |
| <b>Format</b>             | Purified   |
| <b>Clonality</b>          | Monoclonal (mouse origin)  |
| <b>Isotype</b>            | Mouse IgG1, kappa  |
| <b>Clone Name</b>         | C4/206   |
| <b>Purity</b>             | Protein G affinity chromatography  |
| <b>UniProt</b>            | P01730   |
| <b>Localization</b>       | Cell surface   |
| <b>Applications</b>       | ELISA (order BSA/sodium Azide-free Format For Coating) :<br>Flow Cytometry : 1-2ug/million cells |
| <b>Limitations</b>        | 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 2-8°C. The azide-free format should be aliquoted and stored at -20°C or colder.