

## CD4 Antibody [clone EDU-2] (V2382)

| Catalog No.    | Formulation                                                                | Size   |
|----------------|----------------------------------------------------------------------------|--------|
| V2382-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V2382-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug  |
| V2382SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                             | 100 ug |



Citations (13)

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|                    |                                                                                                                                                |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Availability       | 1-3 business days                                                                                                                              |
| Species Reactivity | Human                                                                                                                                          |
| Format             | Purified                                                                                                                                       |
| Clonality          | Monoclonal (mouse origin)                                                                                                                      |
| Isotype            | Mouse IgG2a, kappa                                                                                                                             |
| Clone Name         | EDU-2                                                                                                                                          |
| Purity             | Protein G affinity chromatography                                                                                                              |
| Buffer             | 1X PBS, pH 7.4                                                                                                                                 |
| UniProt            | P01730                                                                                                                                         |
| Localization       | Cell surface                                                                                                                                   |
| Applications       | Functional Studies (order BSA/sodium Azide-free Format) :<br>Flow Cytometry : 0.5-1ug/10 <sup>6</sup> cells<br>Immunofluorescence : 0.5-1ug/ml |
| Limitations        | The CD4 antibody is available for research use only.                                                                                           |



## Description

CD4 is an accessory protein for MHC class-II antigen/T-cell receptor interaction. May regulate T-cell activation. Induces the aggregation of lipid rafts. [UniProt]

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the CD4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

Stimulated human leukocytes were 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.