

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 \(13\)](#)
[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
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) : Flow Cytometry : 0.5-1ug/10 ⁶ cells 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.