

CD4/LEU3
Catalog # PVGS1853**Specification**

CD4/LEU3 - Product InformationPrimary Accession [G7N5T8](#)**Species**

Rhesus macaque

Sequence

Lys26-Trp390

Purity> 95% as determined by Bis-Tris PAGE
> 95% as determined by HPLC**Endotoxin Level**

Less than 1EU per µg by the LAL method.

Biological Activity

Measured by its binding ability in a functional ELISA. Immobilized CD4/LEU3, His, Rhesus macaque at 1 µg/ml (100 µl/well) on the plate can bind Anti-CD4 Antibody, hFc Tag. Test result was comparable to standard batch.

Expression System

HEK293

Theoretical Molecular Weight

41.5 kDa

Formulation**Lyophilized from a 0.22 µm filtered solution in PBS (pH 7.4).****Reconstitution**

Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

Storage & Stability

Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

CD4/LEU3 - Additional Information**Target Background**

CD4, also known as L3T4, T4, and W3/25, is an approximately 55 kDa type I transmembrane glycoprotein that is expressed predominantly on thymocytes and a subset of mature T lymphocytes. It is a standard phenotype marker for the identification of T cell populations. Integral membrane glycoprotein that plays an essential role in the immune response and serves multiple functions in responses against both external and internal offenses. In T-cells, functions primarily as a coreceptor for MHC class II molecule: peptide complex.

CD4/LEU3 - Protein Information

CD4/LEU3 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD4/LEU3 - Images