

CD4/LEU3
Catalog # PVGS1896**Specification**

CD4/LEU3 - Product InformationPrimary Accession [NP_038516.1](#)**Species**
Mouse**Sequence**
Lys27-Thr394**Purity**
> 95% as determined by Bis-Tris PAGE
> 95% as determined by HPLC**Endotoxin Level**
Less than 1EU per µg by the LAL method.**Expression System**
HEK293**Theoretical Molecular Weight**
42.4 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