

CD6
Catalog # PVGS1865**Specification**

CD6 - Product InformationPrimary Accession [NP_006716.3](#)**Species**
Human**Sequence**
His18-Leu402**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 CD6, His, Human at 1 µg/ml (100 µl/well) on the plate can bind Human ALCAM, hFc Tag. Test result was comparable to standard batch.**Expression System**
HEK293**Theoretical Molecular Weight**
42.14 kDaFormulation **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.**CD6 - Additional Information****Target Background**
The cell surface glycoprotein CD6 is expressed on leukocytes and mediates T cell trafficking across endothelial cell barriers. CD6 is a lymphocyte surface co-receptor physically associated with the T-cell receptor (TCR)/CD3 complex at the center of the immunological synapse.**CD6 - Protein Information**

CD6 - 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](#)

CD6 - Images