

**CD6**  
Catalog # PVGS1851**Specification**

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**CD6 - Product Information**Primary Accession [XP\\_005577746.1](#)**Species**  
Cynomolgus**Sequence**  
His18-Glu398**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, Cynomolgus 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**  
41.84 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**