

CD5
Catalog # PVGS1871

Specification

CD5 - Product Information

Primary Accession [F6V5O9](#)
Species
Rhesus macaque

Sequence
Arg25-Pro375

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 CD5, His & Avi, Rhesus macaque at 1 µg/ml (100 µl/well) on the plate can bind Anti-CD5 Antibody, hFc Tag. Test result was comparable to standard batch.

Expression System
HEK293

Theoretical Molecular Weight
41.7 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.

CD5 - Additional Information

Target Background
CD5: a type I transmembrane protein found on T cells, thymocytes, and some B cells that is a ligand for CD72 and is involved in cellular activation or adhesion; expressed in B-cell chronic lymphocytic leukemia and T-cell lymphoma.

CD5 - Protein Information

CD5 - 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](#)

CD5 - Images