

CD₅

Catalog # PVGS1876

Specification

CD5 - Product Information

Primary Accession **Species**Rhesus macaque

<u>F6V5Q9</u>

Sequence Arg25-Pro375

Purity

> 95% as determined by Bis-Tris PAGE

Endotoxin Level

Less than 1EU per µg by the LAL method.

Biological Activity

Measured by its binding ability in a functional ELISA. Immobilized CD5 [Biotin], His & Avi, Rhesus macaque at 1 μ g/ml (100 μ l/well) on streptavidin (5 μ g/ml) precoated plate can bind Anti-CD5 Antibody, hFc Tag. Test result was comparable to standard batch.

Expression System

HEK293

Theoretical Molecular Weight 41.7 kDa

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 μ g/ml is recommended. Dissolve the lyophilized protein in distilled water.

Storage & Stability

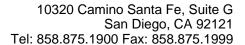
Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

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
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

CD5 - Images