

**CD14**  
**Catalog # PVGS1920****Specification**

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**CD14 - Product Information**

Primary Accession [NP\\_033971.1](#)  
**Species**  
Mouse

**Sequence**  
Ser16-Pro345

**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**  
38.19 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.

**CD14 - Additional Information**

**Target Background**  
CD14 is a glycosylphosphatidylinositol (GPI)-anchored receptor known to serve as a co-receptor for several Toll-like Receptors (TLRs) both at the cell surface and in the endosomal compartment. CD14 can be expressed by cells of both hematopoietic and non-hematopoietic origin as a cell membrane or secreted protein.

**CD14 - Protein Information**

**CD14 - 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](#)

**CD14 - Images**