

#### **CD14**

Catalog # PVGS1928

## **Specification**

#### **CD14 - Product Information**

Primary Accession **Species** Human

AAH10507

Sequence

Thr20-Met344

**Purity** 

> 95% as determined by Bis-Tris PAGE<br/>> > 95% as determined by HPLC

**Endotoxin Level** 

Less than 1EU per µg by the LAL method.

**Expression System** 

**HEK293** 

**Theoretical Molecular Weight** 

60.99 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  $\mu$ 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  $^{\circ}$ C or below. Upon reconstitution, the product should be stable for 3 months at -80  $^{\circ}$ C. Avoid repeated freeze-thaw cycles.

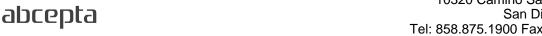
### **CD14 - Additional Information**

### **Target Background**

Human monocyte differentiation antigen CD14 is a pattern recognition receptor (PRR) that enhances innate immune responses. CD14 was first identified as a marker of monocytes to signal intracellular responses upon bacterial encounters. Given the absence of an intracellular tail, CD14 was doubted to have the signaling capacities.

# **CD14 - Protein Information**





## **CD14 - 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

# CD14 - Images