

**MAA685Hu22**

**Monoclonal Antibody to Cluster Of Differentiation 14 (CD14)**

**Organism Species: *Homo sapiens (Human)***

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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13th Edition (Revised in Aug, 2023)

**[ PROPERTIES ]**

**Source:** Monoclonal antibody preparation

**Host:** Mouse

**Antibody isotype:** IgG1 Kappa

**Purification:** Protein A + Protein G affinity chromatography

**Clone number:** C8

**Traits:** Liquid

**Concentration:** 1mg/mL

**UOM:** 20 $\mu$ L

**Cross Reactivity:** N/A

**Applications:** WB; IHC; ICC; IP.

**[ IMMUNOGEN ]**

**Immunogen:** Recombinant CD14 (Thr20~Leu368) expressed in *E.coli*

**Accession No.:** RPA685Hu02

**[ APPLICATIONS ]**

Western blotting: 0.01-2 $\mu$ g/mL;

Immunohistochemistry: 5-20 $\mu$ g/mL;

Immunocytochemistry: 5-20 $\mu$ g/mL;

Optimal working dilutions must be determined by end user.

**[ FORMULATION ]**

**Form & Buffer:** Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

**[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

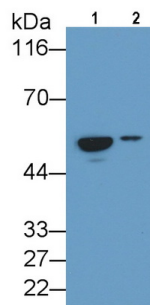
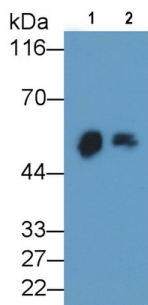
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined

by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

### [ IDENTIFICATION ]



Western Blot; Sample: Human Urine  
Primary Ab: 1µg/ml Mouse Anti-Human  
CD14 Antibody Second Ab: 0.2µg/mL  
HRP-Linked Caprine Anti-Mouse IgG  
Polyclonal Antibody (Catalog:  
SAA544Mu19)

Western Blot; Sample: Lane1: Human  
Placenta lysate; Lane2: Human Milk  
Primary Ab: 0.4µg/ml Mouse Anti-  
Human CD14 Antibody  
Second Ab: 0.2µg/mL HRP-Linked  
Caprine Anti-Mouse IgG Polyclonal  
Antibody(Catalog: SAA544Mu19)

### [ IMPORTANT NOTE ]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.