

# Rabbit anti-Human Cluster Of Differentiation 14 mAb (DET)

Catalog No.: RM17909

## **Basic Information**

## Catalog No.

RM17909

#### Catagory

Elisa Antibody Kit

# **Application**

FLISA

## **Product Information**

## Ig Type

Rabbit IgG

## **Purification**

Affinity purification

## **Endotoxin Level**

#### Storage

This antibody can be stored at 2°C-8°C for one monthwithout detectable loss of activity. Antibody products are stable for twelve months fromdate of receipt when stored at -20°C to -80°C. Preservative-Free.

Avoid repeated freeze-thaw cycles.

#### **Formulation**

Supplied as a 0.2um filtered solution in PBS with 0.05%ProClin 300,PH 7.8.

# Contact

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<u>a</u>	support@abclonal.com
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# **Background**

Coreceptor for bacterial lipopolysaccharide (PubMed:1698311, PubMed:23264655).In concert with LBP, binds to monomeric lipopolysaccharide and delivers it to the LY96/TLR4 complex, thereby mediating the innate immune response to bacterial lipopolysaccharide (LPS) (PubMed:20133493, PubMed:23264655, PubMed:22265692).Acts via MyD88, TIRAP and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response (PubMed:8612135).Acts as a coreceptor for TLR2:TLR6 heterodimer in response to diacylated lipopeptides and for TLR2:TLR1 heterodimer in response to triacylated lipopeptides, these clusters trigger signaling from the cell surface and subsequently are targeted to the Golgi in a lipid-raft dependent pathway (PubMed:16880211).Binds electronegative LDL (LDL) and mediates the cytokine release induced by LDL (PubMed:23880187)

# **Immunogen Information**

## **Immunogen**

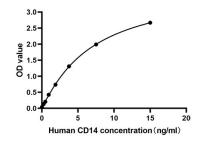
RecombinantHuman Cluster Of Differentiation 14

# **Cross-Reactivity**

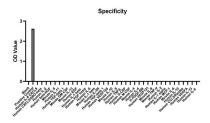
# **Assay Applications**

Human CD14 Sanwich ELISA Immunoassay

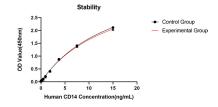
	Recommended Concentration	Sample
ELISA Capture	0.25-1ug/mL	Rabbit anti-Human Cluster Of Differentiation 14 mAb (CAP)(Cat. No.RM17908)
ELISA Detection	0.0025-0.01ug/mL	Rabbit anti-Human Cluster Of Differentiation 14 mAb (DET)(Cat. No.RM17909)
Standard	15.63-1000pg/mL	Recombinant Human CD14 Protein



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.



No significant cross-reactivity or interference was observed.



Placed at 37°C for 3 days, the stability of the standard curve all conform to CV <10%.