

## Recombinant CD14 Monoclonal Antibody

catalog number: AN300175P

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

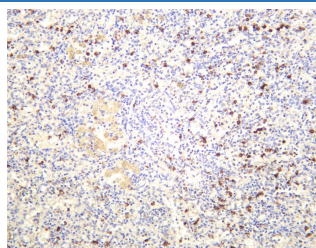
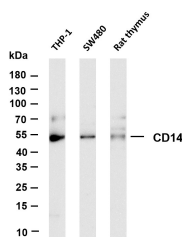
<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant Human CD14 protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	A1289
<b>Purification</b>	Protein A
<b>Buffer</b>	0.2 µm filtered solution in PBS

### Applications

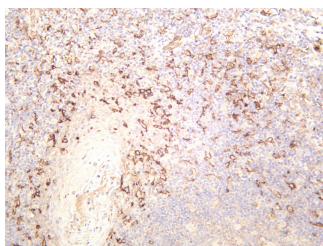
### Recommended Dilution

<b>IHC</b>	1:2000-1:5000
<b>WB</b>	1:1000-1:5000
<b>IF</b>	1:200-1:1000
<b>ELISA</b>	1:5000-1:20000

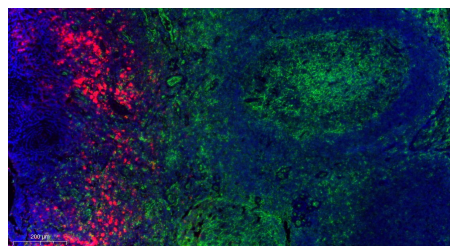
### Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-CD14 antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: THP-1 Lane 2: SW480 Lane 3: Rat thymus Predicted band size: 40kDa Observed band size: 50kDa



Human tonsil was stained with anti-CD14 rabbit antibody



Fluorescence multiplex immunohistochemical analysis of human tonsil tissue (formalin-fixed paraffin-embedded section). The immunostaining was performed by Sextuple-Fluorescence kit. CD38 rabbit mAb (RED) and CD14 rabbit mAb (GREEN) was tested with different TSA Fluorescence reagent. Microscopy and pseudocoloring of individual dyes was performed using a Slideviewer Imaging System (Excilone).

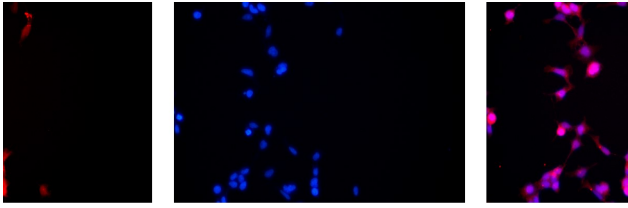
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Rev. V1.5



A B C  
Immunofluorescence analysis of HEK293. Picture A:  
CD14 antibody (red). Picture B: DAPI (blue). Picture C:  
Merge of A+B

## Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	Ice bag

## Background

The protein encoded by this gene is a surface antigen that is preferentially expressed on monocytes/macrophages. It cooperates with other proteins to mediate the innate immune response to bacterial lipopolysaccharide. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Mar 2010]

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