

# CD14 Rabbit Polyclonal Antibody

Catalog No: #54927



Package Size: #54927-1 50ul #54927-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

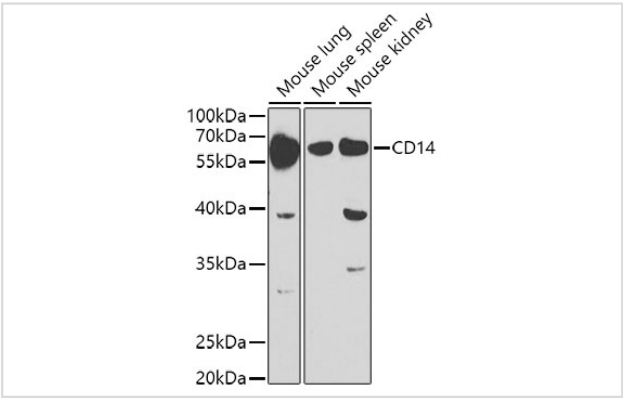
## Description

Product Name	CD14 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human;Mouse;Rat
Immunogen Description	Recombinant fusion protein of human CD14 (NP_001167576.1).
Conjugates	Unconjugated
Other Names	CD14
Accession No.	Swiss Prot:P08571GenelD:929
Calculated MW	40kDa
SDS-PAGE MW	70kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

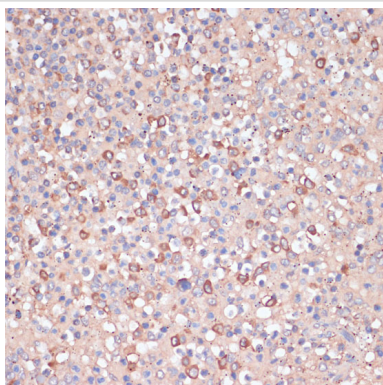
## Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:200IF 1:50 - 1:200

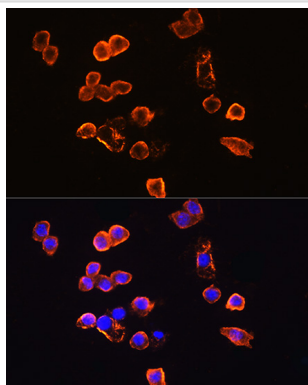
## Images



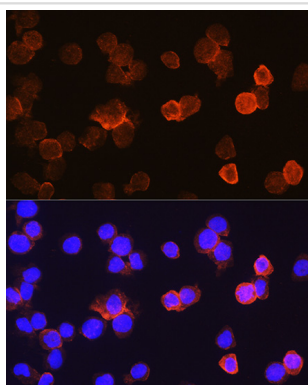
Western blot analysis of extracts of various cell lines, using CD14 at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded human spleen using CD14 at dilution of 1:100 (40x lens).



Immunofluorescence analysis of RAW264.7 cells using CD14 at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of THP-1 cells using CD14 at dilution of 1:100. Blue: DAPI for nuclear staining.

## 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.

## Published Papers

el at., Single-cell analysis reveals the immune heterogeneity and interactions in lungs undergoing hepatic ischemia-reperfusion  
Immunopharmacol On 2023 Nov by Chen Zhang<sup>1</sup>, Mingwei Sheng<sup>2</sup>, et al.. PMID:37844464, , (2023)

[PMID:37844464](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.