

Summary

Production Name	CD14 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IHC,FC,ELISA
Reactivity	Human,Mouse,Rat,Rabbit

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

Gene Name	CD14
Alternative Names	CD14
Gene ID	929.0
SwissProt ID	P08571.Purified recombinant fragment of human CD14 (AA: 20-214) expressed in E. Coli.

Application

Dilution Ratio	WB:1:500-1:2000,IHC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	40kDa

Background

Product Name: CD14 Mouse Monoclonal Antibody
Catalog #: AMM81294

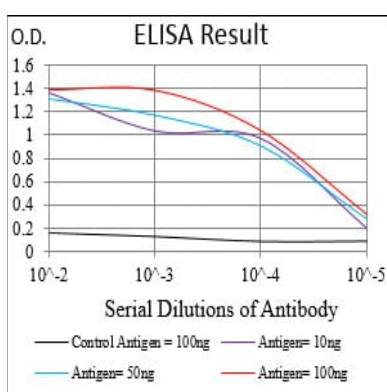


The protein encoded by this gene is a surface antigen that is preferentially expressed on monocytes/macrophages. It cooperates with other proteins to mediate the innate immune response to bacterial lipopolysaccharide. Alternative splicing results in multiple transcript variants encoding the same protein.

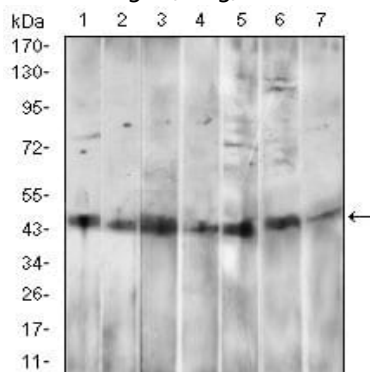
Research Area

MAPK signaling pathway

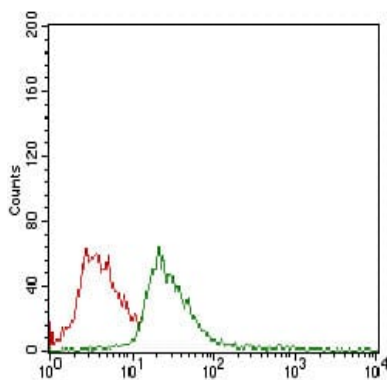
Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



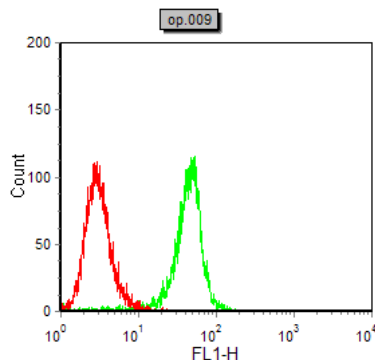
Western blot analysis using CD14 mouse mAb against HepG2 (1), A549 (2), HL60 (3), RAW264.7 (4), Hela (5), HEK293 (6) and NIH/3T3 (7) cell lysate.



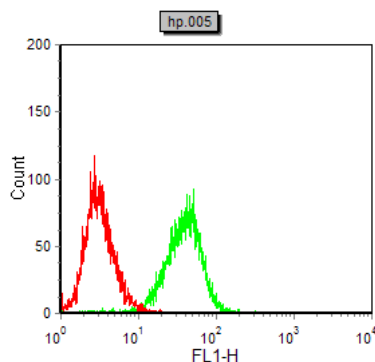
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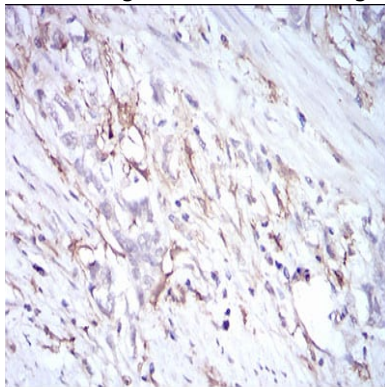
Flow cytometric analysis of Jurkat cells using CD14 mouse mAb (green) and negative control (red).



Flow cytometric analysis of COS7 cells using CD14 mouse mAb (green) and negative control (red).

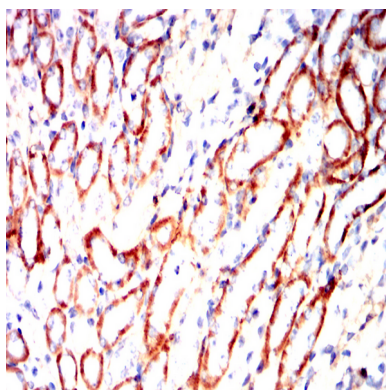


Flow cytometric analysis of Hela cells using CD14 mouse mAb (green) and negative control (red).

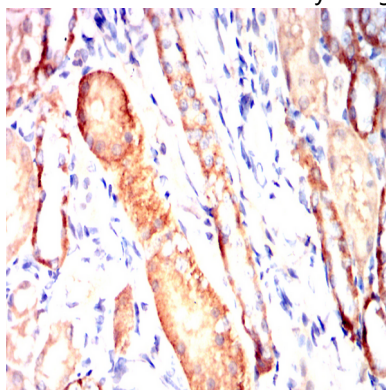


Immunohistochemical analysis of paraffin-embedded human stomach cancer tissues using CD14 mouse mAb with DAB staining.

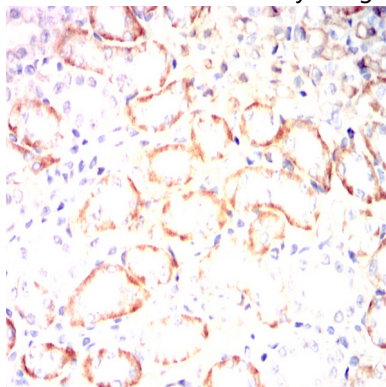
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Immunohistochemical analysis of paraffin-embedded Mouse kidney using CD14 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Rat kidney using CD14 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Rabbit kidney using CD14 mouse mAb with DAB staining.

Note

For research use only.