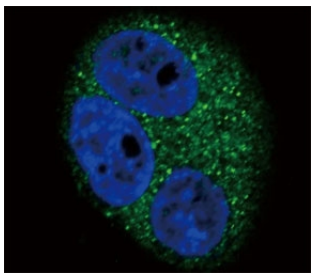
CD14 Antibody (F49568)

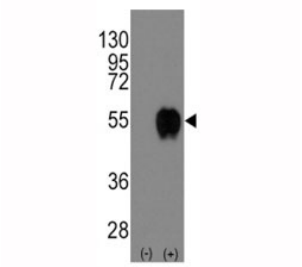
Catalog No.	Formulation	Size
F49568-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49568-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

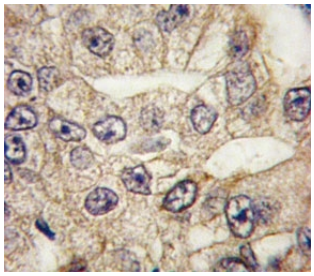
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P08571
Localization	Cell surface, Secreted, Cytoplasmic (Golgi)
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50 Immunofluorescence : 1:10-1:50 Flow Cytometry : 1:10-1:50
Limitations	This CD14 antibody is available for research use only.



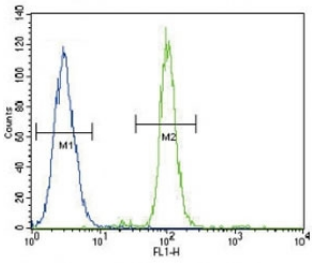
Confocal immunofluorescent analysis of CD14 antibody with A549 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



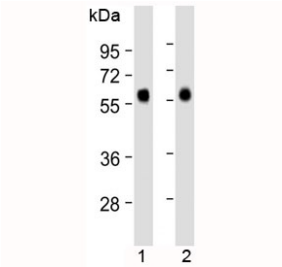
Western blot analysis of CD14 antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the CD14 gene (2).



IHC analysis of FFPE human lung carcinoma tissue stained with CD14 antibody



CD14 antibody flow cytometric analysis of A549 cells (right histogram) compared to a negative control (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Western blot testing of 1) human liver and 2) human lung lysate with CD14 antibody at 1:2000 dilution. Expected molecular weight: 40-55 kDa depending on glycosylation level.

Description

CD14 is a surface protein preferentially expressed on monocytes/macrophages. It binds lipopolysaccharide binding protein and recently has been shown to bind apoptotic cells.

Application Notes

Titration of the CD14 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 54-83 from the human protein was used as the immunogen for this CD14 antibody.

Storage

Aliquot the CD14 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.