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Datasheet for ABIN3030356
anti-CD14 antibody (AA 54-83)

8 Images

Overview

Quantity:	0.4 mL
Target:	CD14
Binding Specificity:	AA 54-83
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD14 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	A portion of amino acids 54-83 from the human protein was used as the immunogen for this CD14 antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	CD14
Alternative Name:	CD14 (CD14 Products)
Background:	CD14 is a surface protein preferentially expressed on monocytes/macrophages. It binds lipopolysaccharide binding protein and recently has been shown to bind apoptotic cells.

Target Details

UniProt: [P08571](#)

Pathways: [TLR Signaling, Activation of Innate immune Response, Cellular Response to Molecule of Bacterial Origin, Toll-Like Receptors Cascades](#)

Application Details

Application Notes: Titration of the CD14 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50,Immunofluorescence: 1:10-1:50,Flow Cytometry: 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

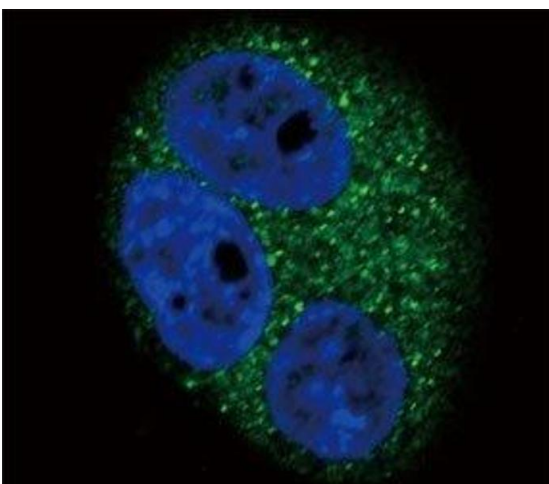
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

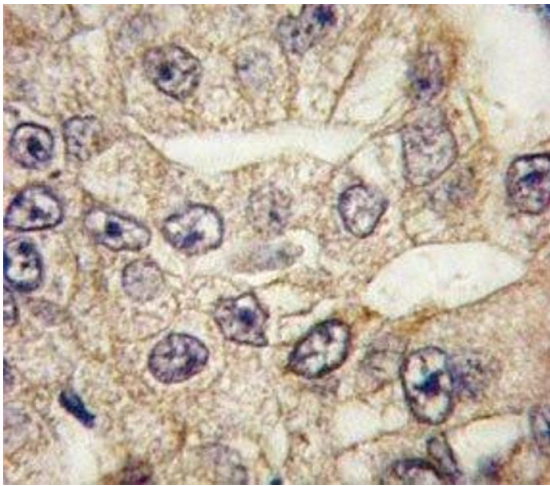
Storage Comment: Aliquot the CD14 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



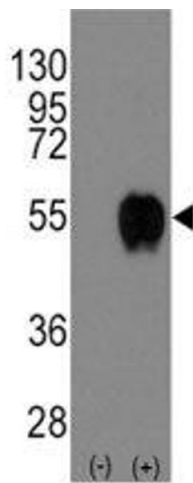
Immunofluorescence

Image 1. 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).



Immunohistochemistry

Image 2. IHC analysis of FFPE human lung carcinoma tissue stained with CD14 antibody



Western Blotting

Image 3. 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).

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN3030356.