

Catalog #: 5191

Aliases

CD14; CD14 Molecule; Myeloid Cell-Specific Leucine-Rich Glycoprotein; Monocyte Differentiation Antigen CD14; CD14 Antigen; My23 Antigen

Background

Gene Name: CD14

NCBI Gene Entry: [929](#)

UniProt Entry: [P08571](#)

Application Information

Molecular Weight: Predicted, 40 kDa; observed, 45-60 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB80

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM)

Immunogen

A synthesized peptide derived from human CD14

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:1,000

Note: This product is for research use only.

Validation Data

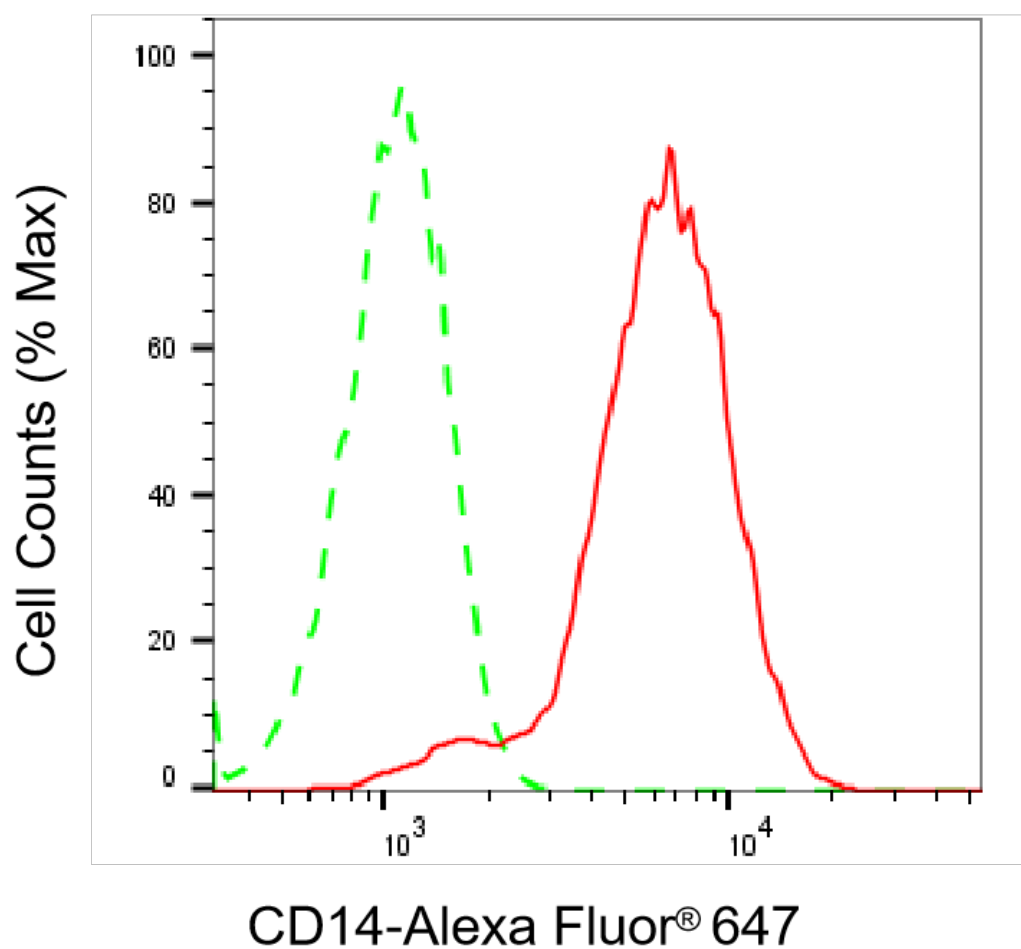
SUPPORT

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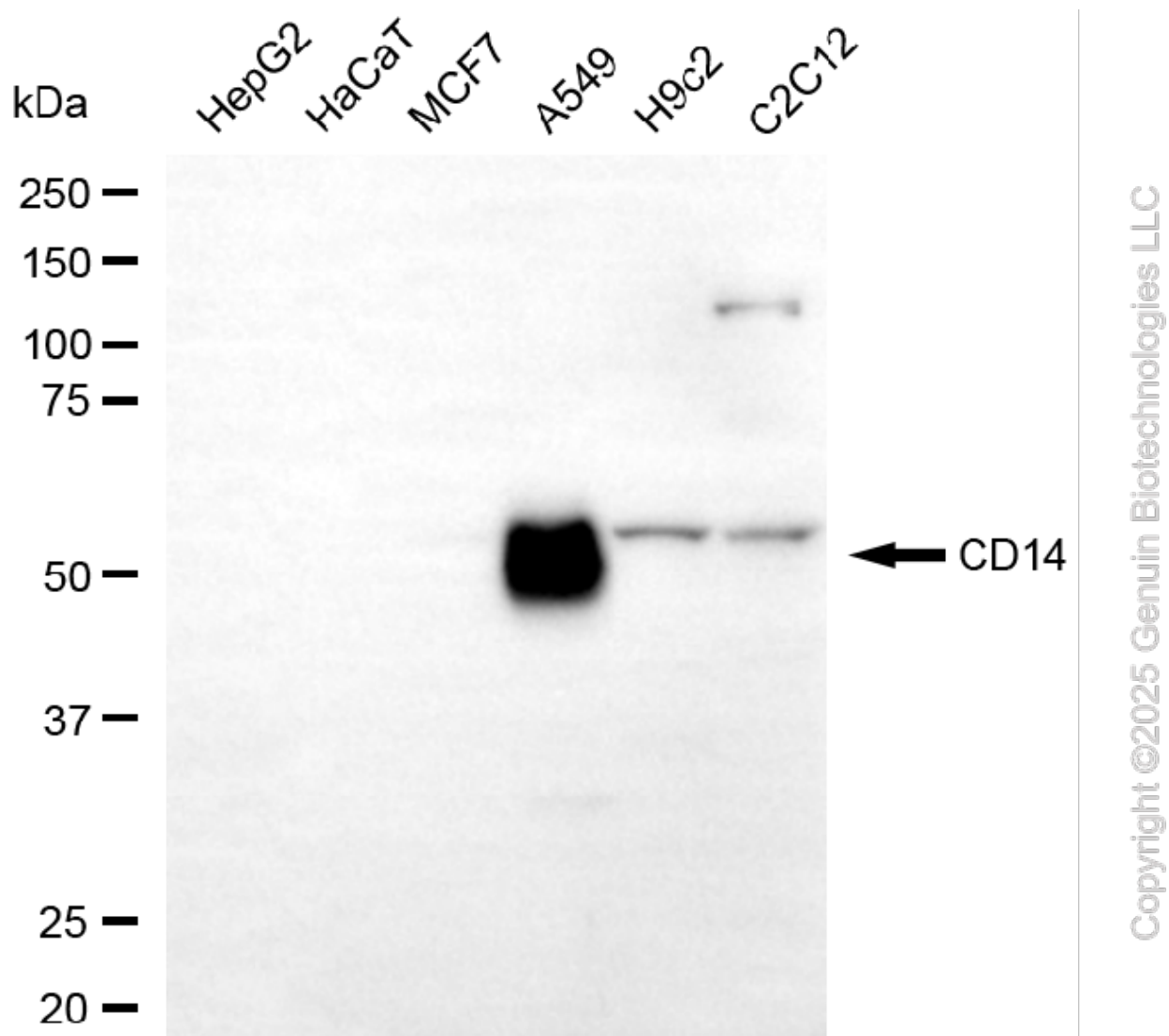
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Flow cytometric analysis of CD14 expression in A549 cells using anti-CD14 antibody (Cat#5191, 1:2,000). Green, isotype control; red, CD14.



Western blotting analysis using anti-CD14 antibody (Cat#5191). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CD14 antibody (Cat#5191, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).