

# Anti-CD99 Recombinant Rabbit Monoclonal Antibody



**Catalog #: 4289**

## Aliases

CD99; CD99 Molecule (Xg Blood Group); CD99 Antigen; MIC2; Antigen Identified By Monoclonal Antibodies 12E7, F21 And O13; T-Cell Surface Glycoprotein E2; E2 Antigen; MIC2X; MIC2Y; Antigen Identified By Monoclonal 12E7, Y Homolog; MIC2 (Monoclonal Antibody 12E7); Cell Surface Antigen HBA-71; Cell Surface Antigen 12E7; Cell Surface Antigen O13; Surface Antigen MIC2; CD99 Molecule; Protein MIC2; HBA71; MSK5X; 12E7

## Background

Gene Name: CD99

NCBI Gene Entry: [4267](#)

UniProt Entry: [P14209](#)

## Application Information

Molecular Weight: Predicted, 19 kDa; observed, 28 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB10475

Species Reactivity: Human, rat

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

## Immunogen

A synthesized peptide derived from human CD99

## 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): 1:2,000

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### SUPPORT

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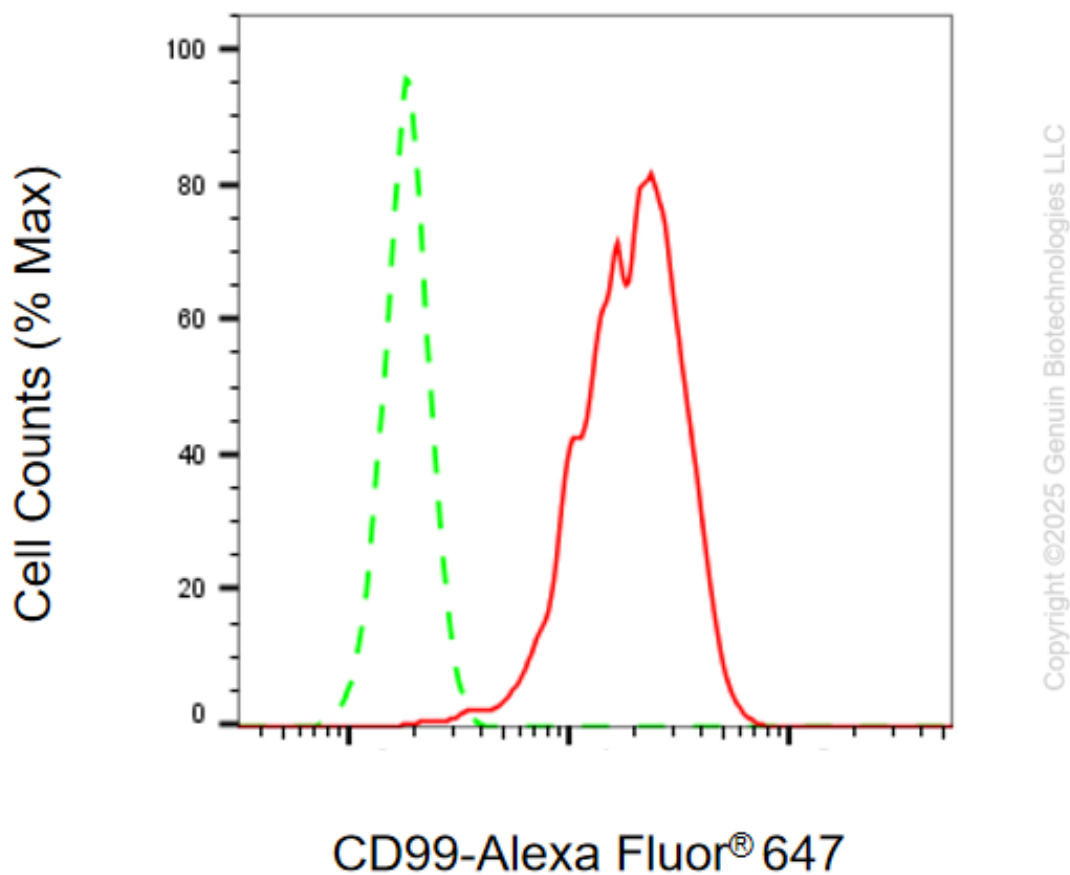
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PAGE 2

**Note:** This product is for research use only.

## Validation Data



Flow cytometric analysis of CD99 expression in HepG2 cells using anti-CD99 antibody (Cat#4289, 1:2,000). Green, isotype control; red, CD99.

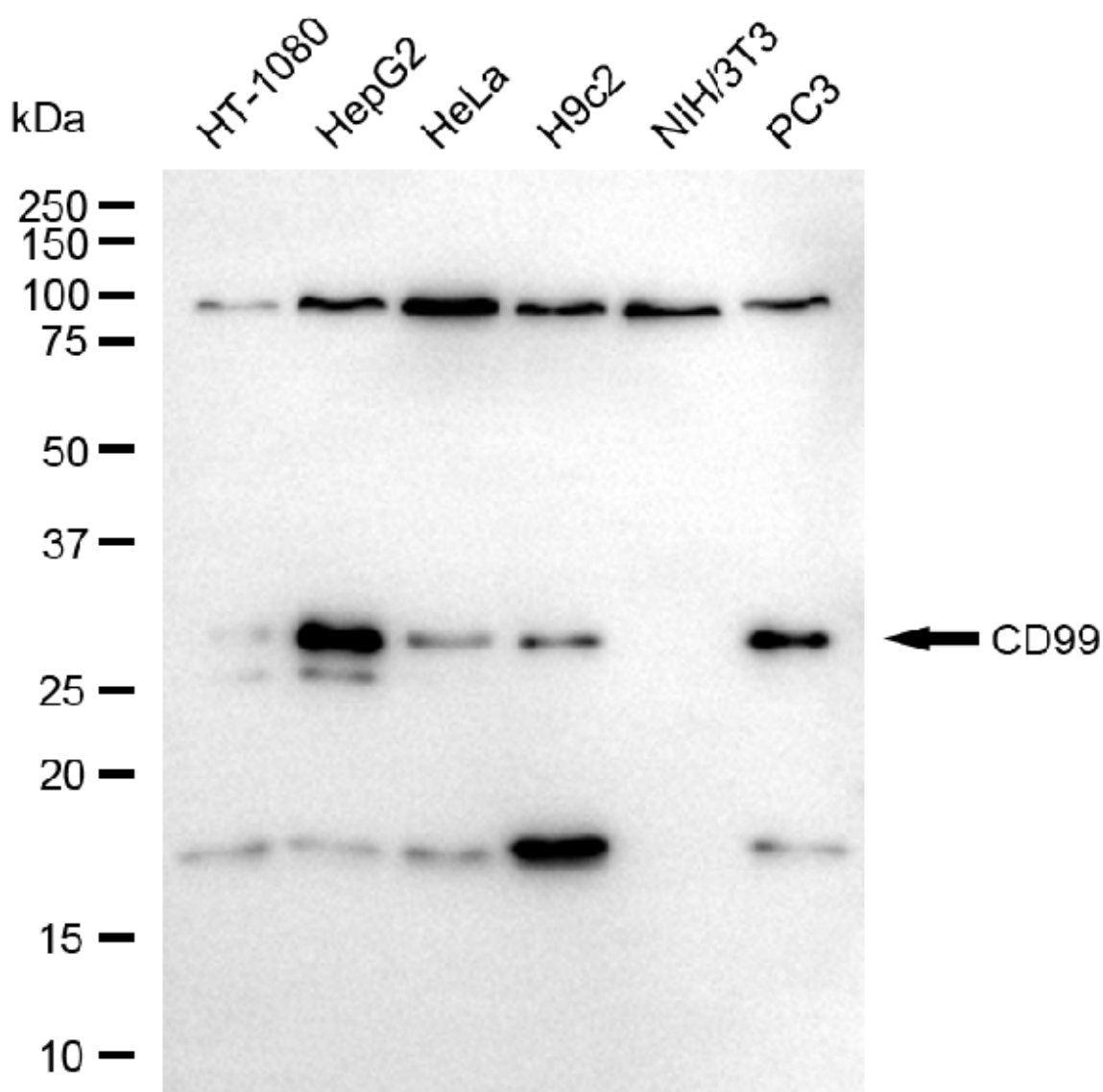
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Western blotting analysis using anti-CD99 antibody (Cat#4289). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CD99 antibody (Cat#4289, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).