

Catalog #: 3770

Aliases

CD81; CD81 Molecule; TSPAN28; Tetraspanin-28; TAPA1; S5.7 CD81 Antigen (Target Of Antiproliferative Antibody 1); 26 KDa Cell Surface Protein TAPA-1; CD81 Antigen; Tspan-28; TAPA-1; Target Of The Antiproliferative Antibody 1; CVID6

Background

Gene Name: CD81

NCBI Gene Entry: [975](#)

UniProt Entry: [P60033](#)

Application Information

Molecular Weight: Predicted, 26 kDa; Observed, 30 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB8555

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human CD81

Isotype

Mouse IgG1

Storage Buffer

Supplied in TBS (pH 7.4) containing 50% glycerol, 1% BSA and 0.02% Proclin 300.

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

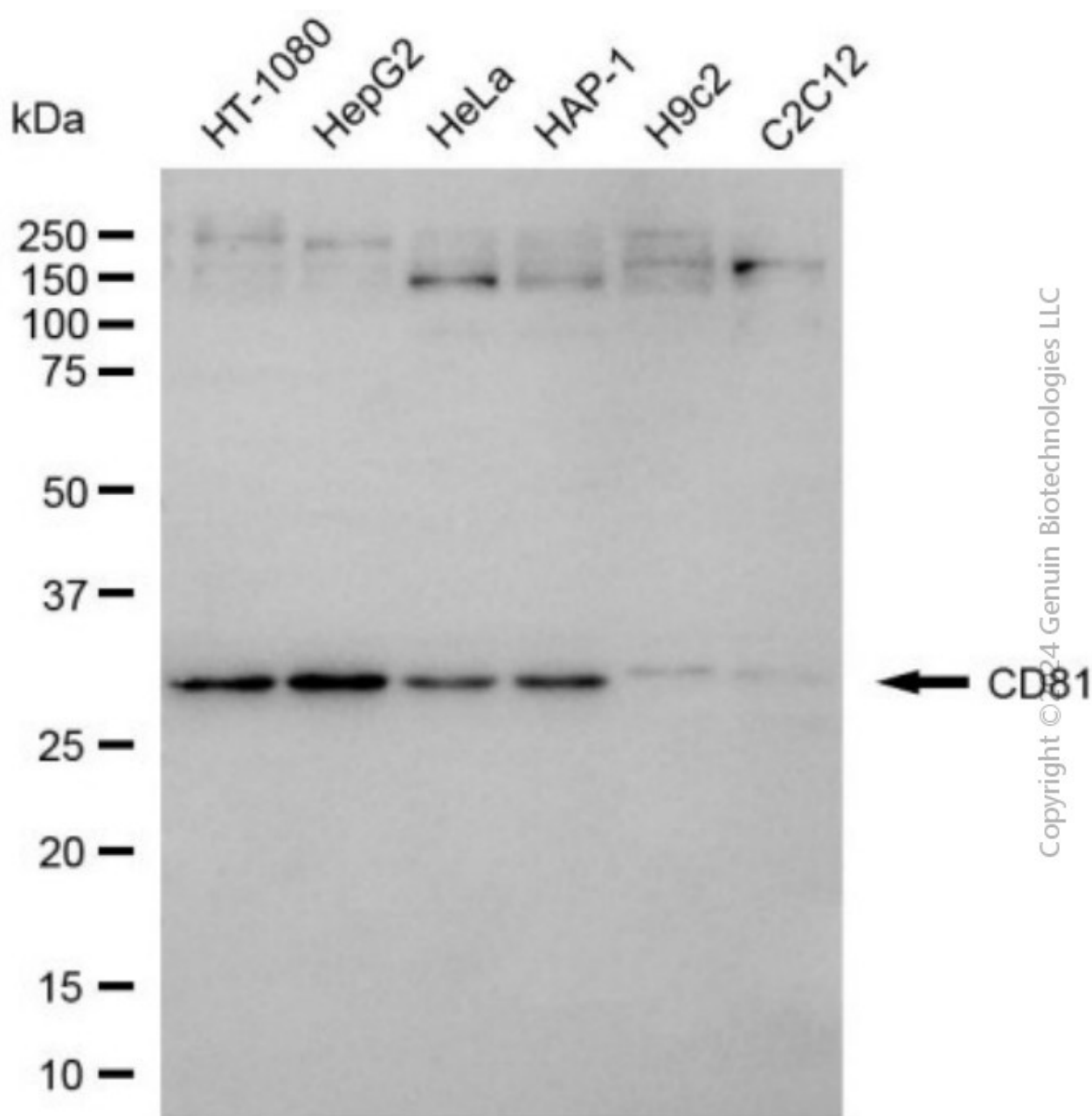
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Western blotting analysis using anti-CD81 antibody (Cat#3770). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CD81 antibody (Cat#3770, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

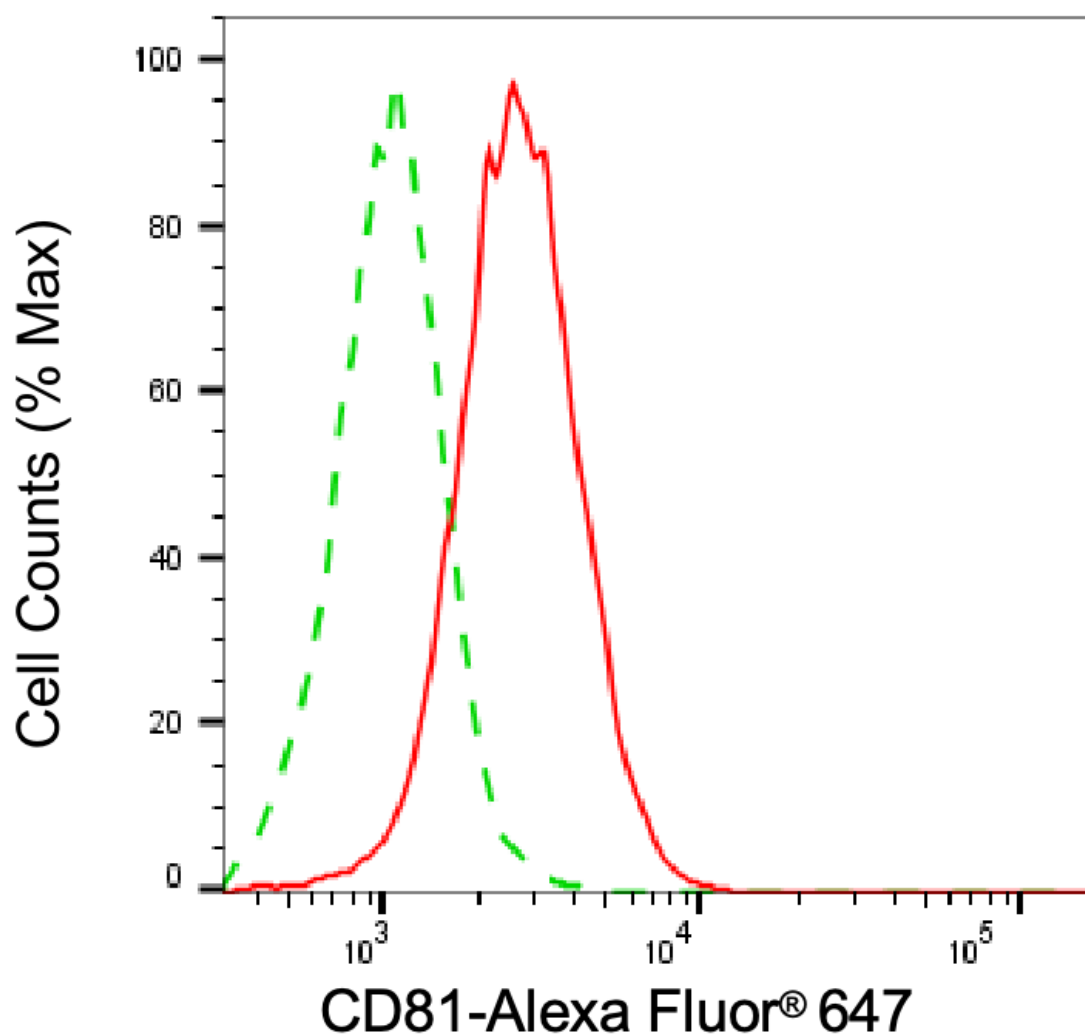
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Flow cytometric analysis of CD81 expression in HepG2 cells using anti-CD81 antibody (Cat#3770, 1:1,000). Green, isotype control; red, CD81.