Anti-L1 cell adhesion molecule Recombinant Rabbit Monoclonal Antibody

Catalog #: 1148

Aliases

L1CAM; L1 Cell Adhesion Molecule; NCAM-L1; CAML1; Neural Cell Adhesion Molecule L1; CD171; MIC5; Antigen Identified By Monoclonal Antibody R1; N-CAM-L1; HSAS1; HSAS; MASA; SPG1; S10; CD171 Antigen; N-CAML1; HYCX

Background

Gene Name: L1CAM
NCBI Gene Entry: 3897
UniProt Entry: P32004

Application Information

Molecular Weight: Predicted, 140 kDa; observed, 250 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 23GB2035
Species Reactivity: Human
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human L1CAM

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
Immunocytochemistry (IC): 1:100-1:1,000
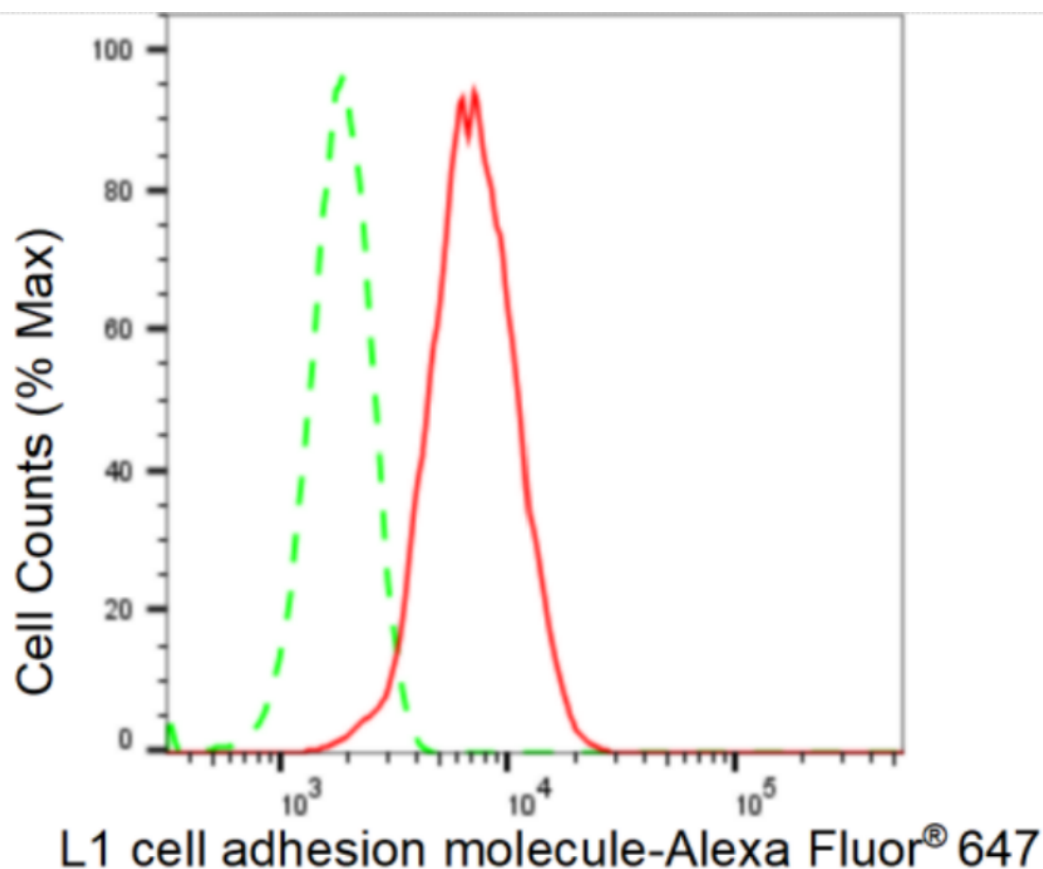
Note: This product is for research use only.

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Validation Data

Flow cytometric analysis of L1 cell adhesion molecule expression in HepG2 cells using L1 cell adhesion molecule antibody (Cat#1148, 1:2,000). Green, isotype control; red, L1 cell adhesion molecule.
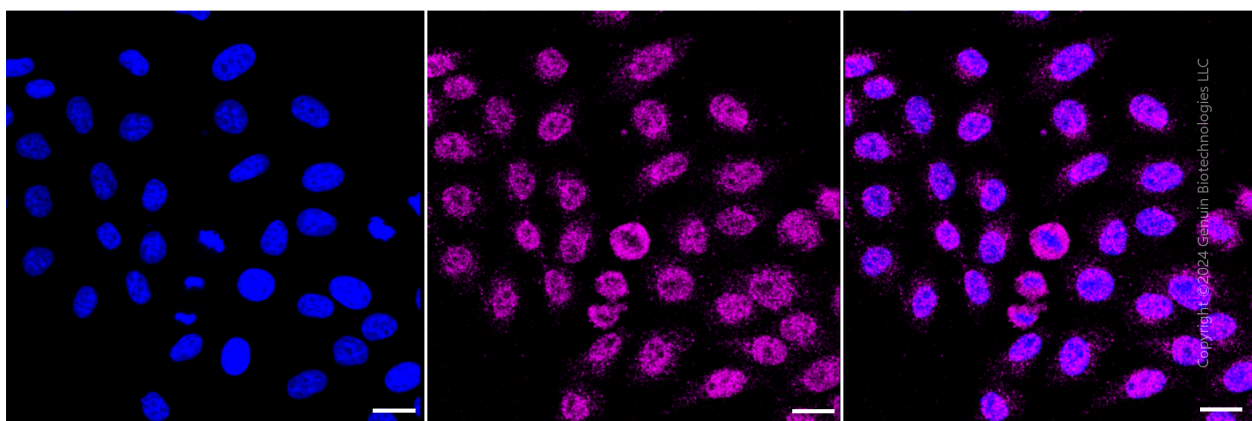
Immunocytochemical staining of HepG2 cells with L1 cell adhesion molecule antibody (Cat#1148, 1:1,000). Nuclei were stained blue with DAPI; L1 cell adhesion molecule was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar: 20 μm.
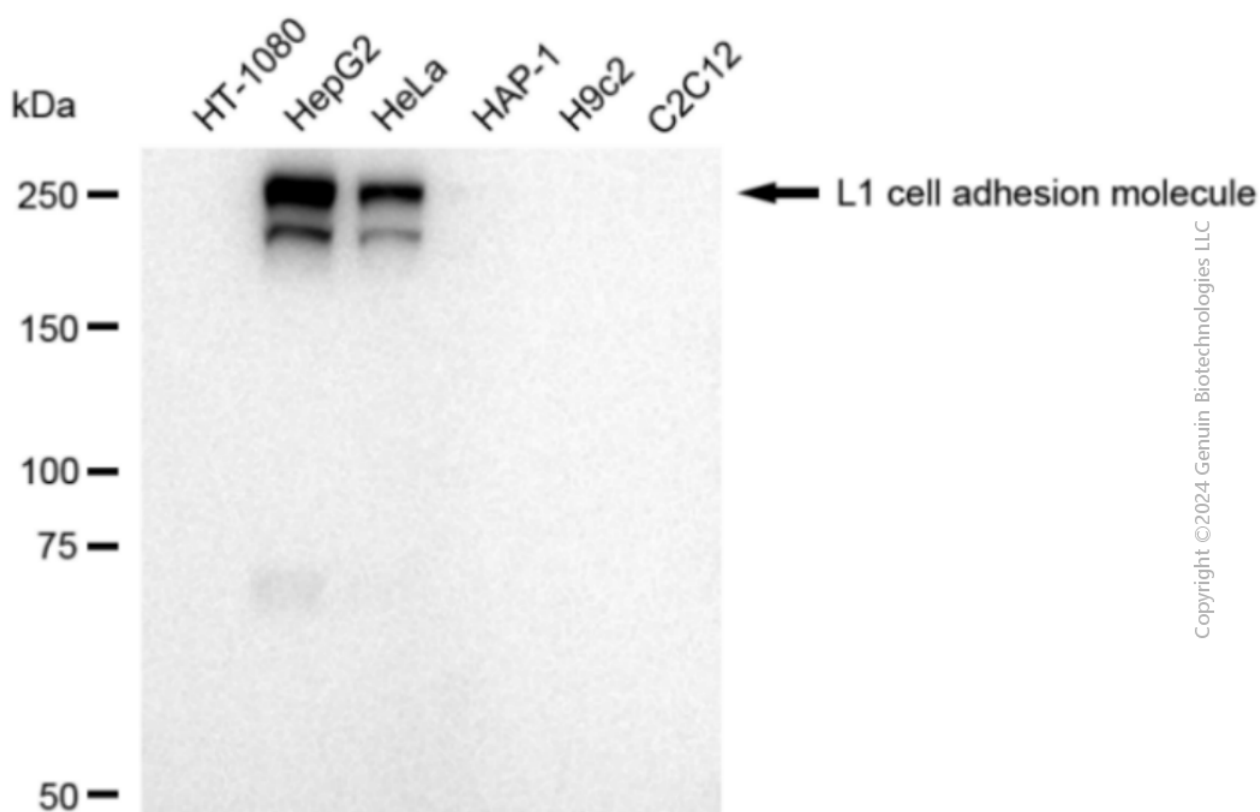
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Western blotting analysis using anti-L1 cell adhesion molecule antibody (Cat#1148). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-L1 cell adhesion molecule antibody (Cat#1148, 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).

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