

KD-Validated Anti-LMAN1 Recombinant Rabbit Monoclonal Antibody



Catalog #: 61858

Aliases

LMAN1; Lectin, Mannose Binding; ERGIC53; ERGIC-53; MCFD1; FMFD1; F5F8D; MR60; Gp58; Endoplasmic Reticulum-Golgi Intermediate Compartment Protein; ER-Golgi Intermediate Compartment 53 KDa Protein; Intracellular Mannose-Specific Lectin MR60; Protein ERGIC-53; Coagulation Factor V-Factor VIII Combined Deficiency; Lectin, Mannose-Binding; Lectin Mannose-Binding; GP58

Background

Gene Name: LMAN1

NCBI Gene Entry: [3998](#)

UniProt Entry: [P49257](#)

Application Information

Molecular Weight: Predicted, 58 kDa, observed, 55 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB4750

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human LMAN1

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

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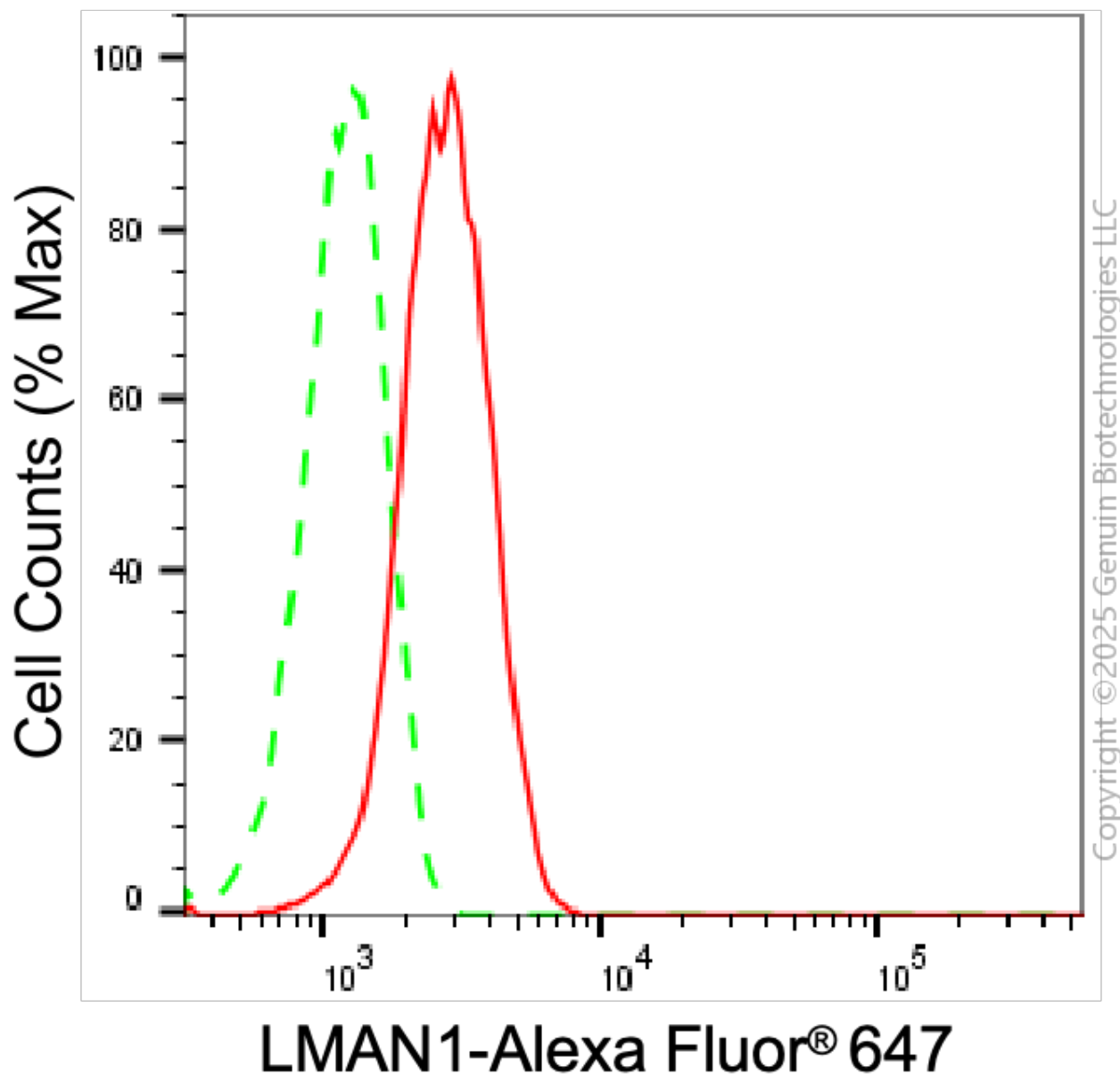
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Note: This product is for research use only.

Validation Data



Flow cytometric analysis of LMAN1 expression in HepG2 cells using anti-LMAN1 antibody (Cat#61858, 1 μ g/2000). Green, isotype control; red, LMAN1.

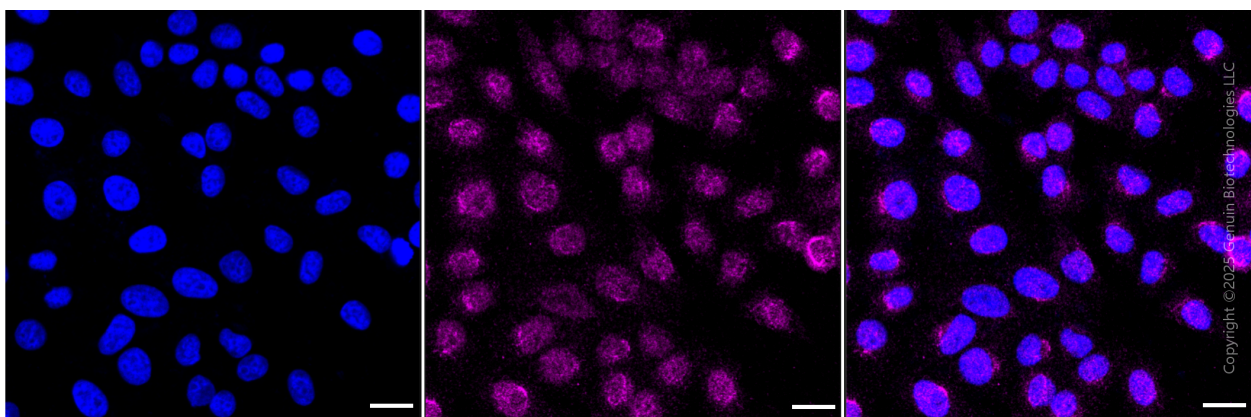
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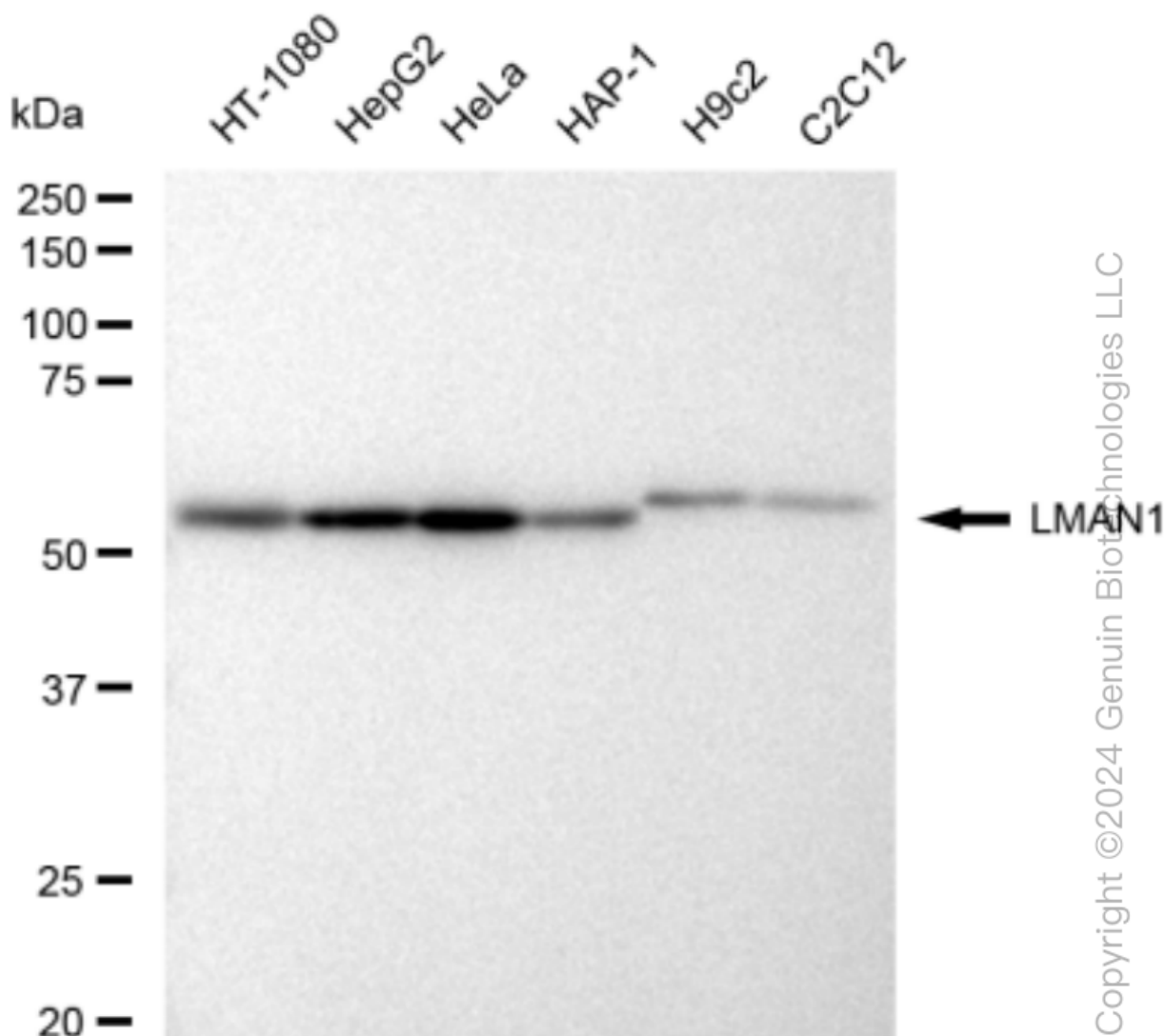
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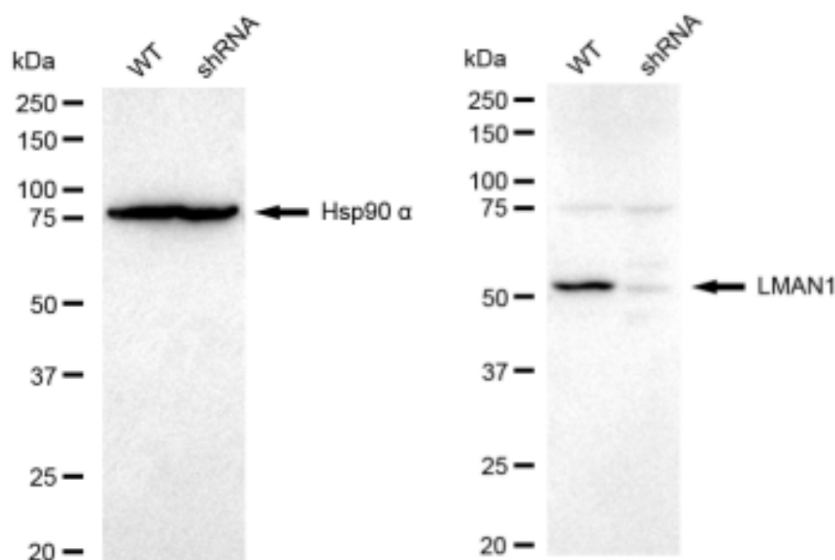
Immunocytochemical staining of HepG2 cells with anti-LMAN1 antibody (Cat #61858, 1:1,000) . Nuclei were stained blue with DAPI; LMAN1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μ m.



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Western blotting analysis using anti-LMAN1 antibody (Cat#61858). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-LMAN1 antibody (Cat#61858, 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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Western blotting analysis using anti-LMAN1 antibody (Cat#61858). LMAN1 expression in wild type (WT) and LMAN1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-LMAN1 antibody (Cat#61858, 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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