

Anti-Galactosidase alpha Recombinant Rabbit Monoclonal Antibody



Catalog #: 4459

Aliases

GLA; Galactosidase Alpha; GALA; Galactosylgalactosylglucosylceramidase GLA; Alpha-D-Galactosidase A; Alpha-Galactosidase A; EC 3.2.1.22; Melibiase; Alpha-D-Galactoside Galactohydrolase 1; Alpha-D-Galactoside Galactohydrolase; Agalsidase Alfa; Alpha-Gal A; Agalsidase; EC 3.2.1

Background

Gene Name: GLA

NCBI Gene Entry: [2717](#)

UniProt Entry: [P06280](#)

Application Information

Molecular Weight: Predicted, 49 kDa; observed, 46 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB11325

Species Reactivity: Human

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

Immunogen

A synthesized peptide derived from human Galactosidase alpha

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

SUPPORT

SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

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SALES@GENUINBIOTECH.COM
FAX: +1-540-855-7041

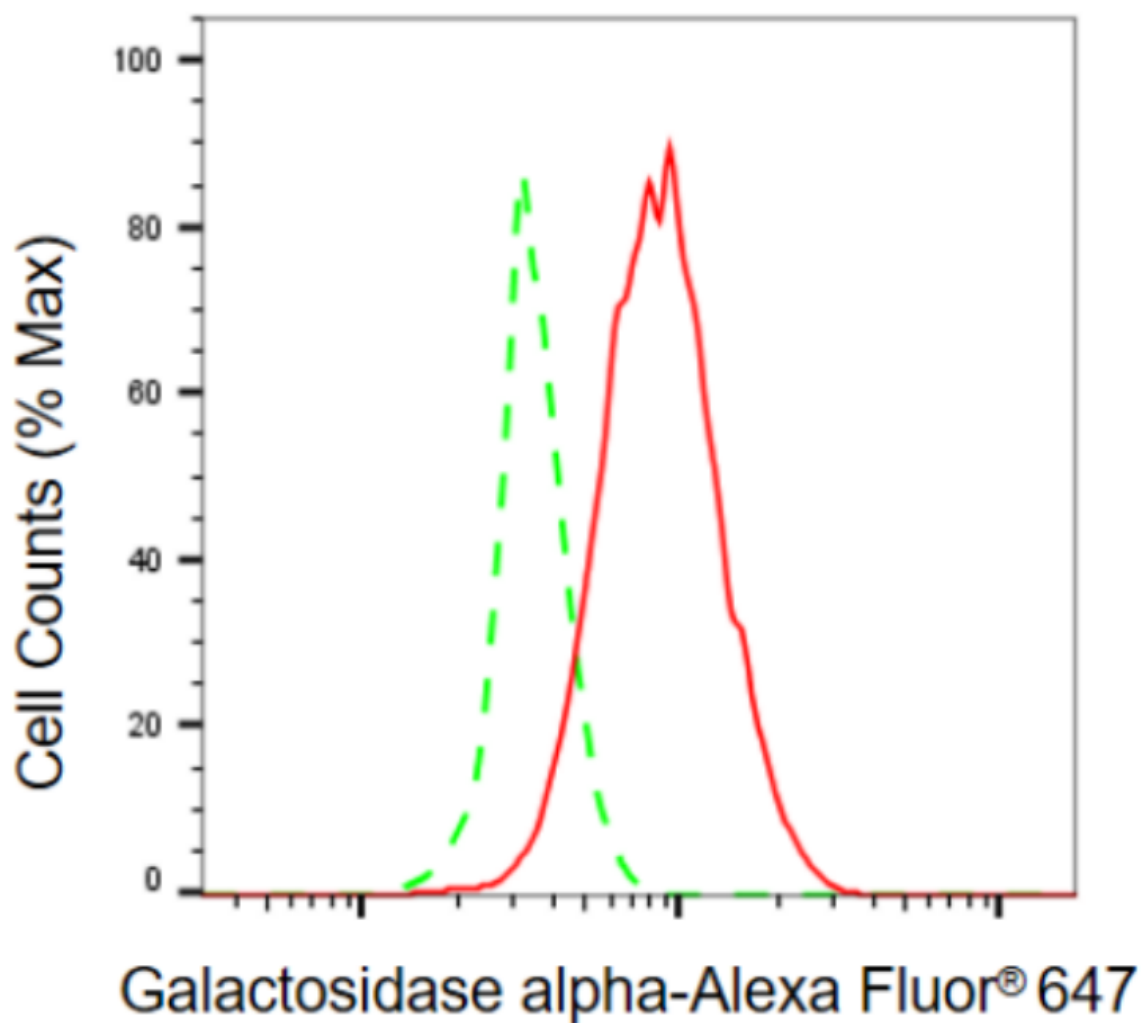
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Note: This product is for research use only.

Validation Data



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Flow cytometric analysis of galactosidase alpha expression in Hela cells using anti-galactosidase alpha antibody (Cat#4459, 1:2,000). Green, isotype control; red, galactosidase alpha.

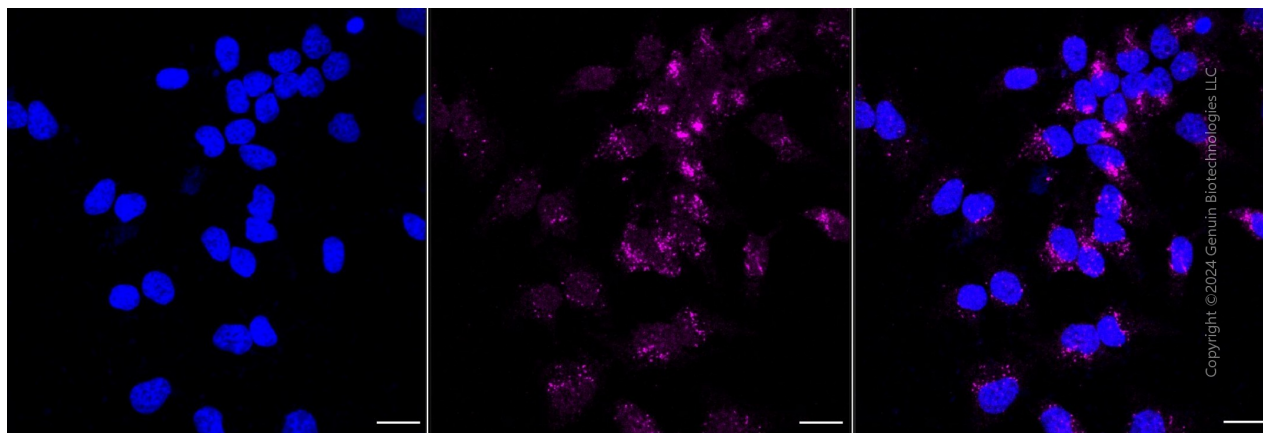
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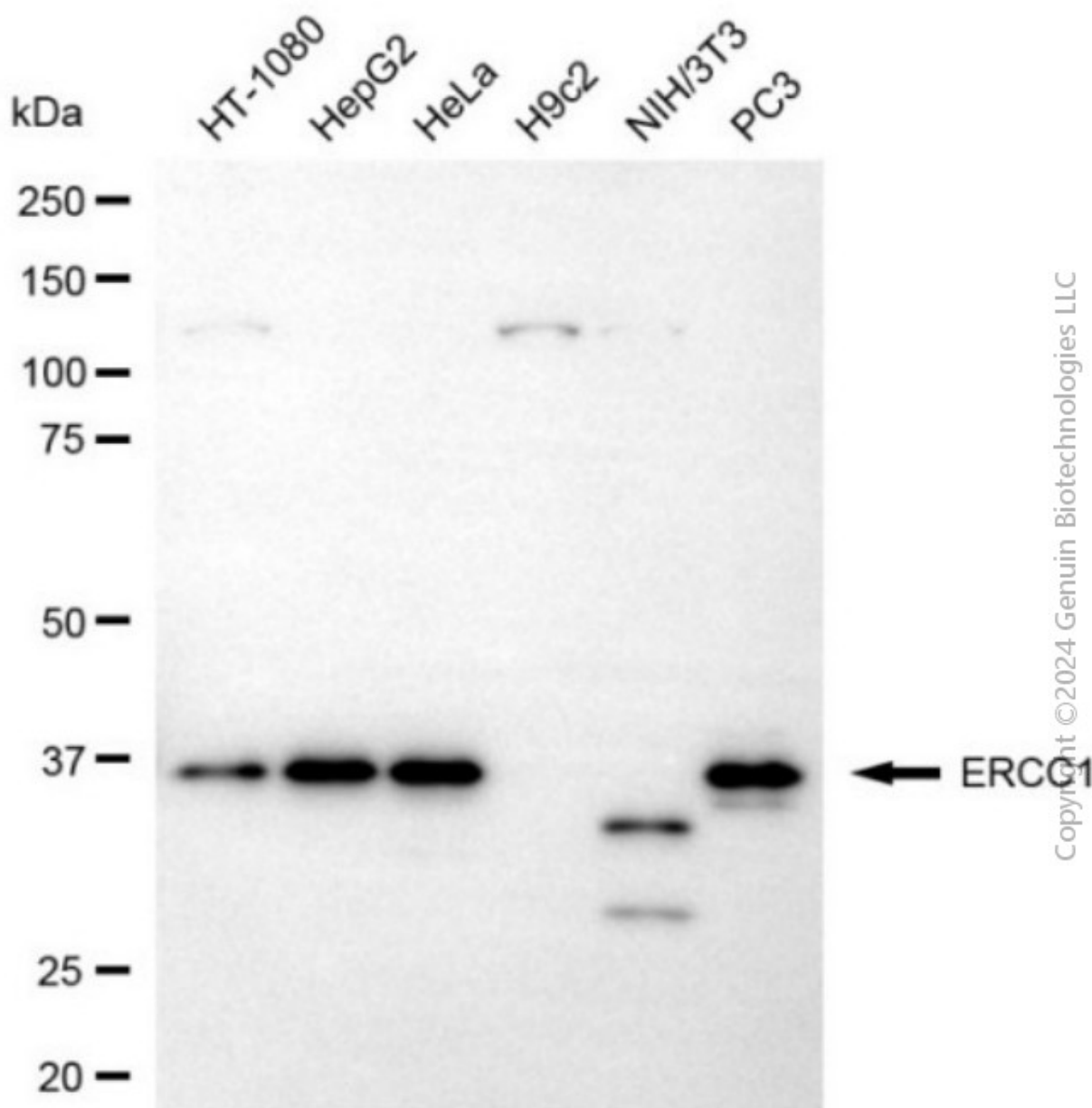
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Immunocytochemical staining of HeLa cells with anti-Galactosidase alpha antibody (Cat#4459, 1:1,000). Nuclei were stained blue with DAPI; Galactosidase alpha was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μ m.



Western blotting analysis using anti-galactosidase alpha antibody (Cat#4459). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-galactosidase alpha antibody (Cat#4459, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).