

Anti-Galectin 3 Recombinant Rabbit Monoclonal Antibody



Catalog #: 4300

Aliases

LGALS3; Galectin 3; GALIG; Advanced Glycation End-Product Receptor 3; Lectin, Galactoside-Binding, Soluble, 3; Carbohydrate-Binding Protein 35; Galactose-Specific Lectin 3; Laminin-Binding Protein; IgE-Binding Protein; 35 KDa Lectin; Lectin L-29; Galectin-3; LGALS2; MAC-2; GALBP; MAC2; Epididymis Secretory Sperm Binding Protein; Galactoside-Binding Protein; MAC-2 Antigen; Mac-2; Antigen; CBP 35; CBP35; Gal-3; GAL3; L-31; L31

Background

Gene Name: LGALS3

NCBI Gene Entry: [3958](#)

UniProt Entry: [P17931](#)

Application Information

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

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB10530

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human Galectin 3

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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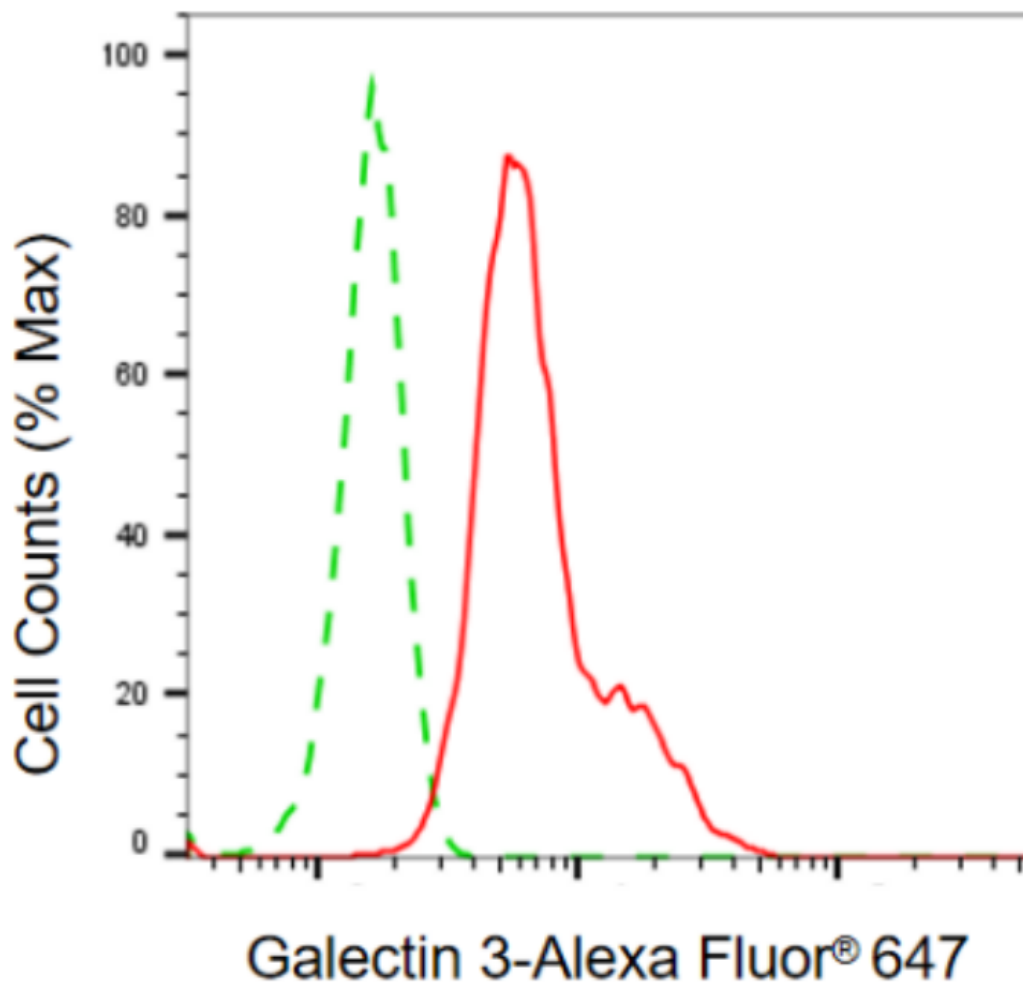
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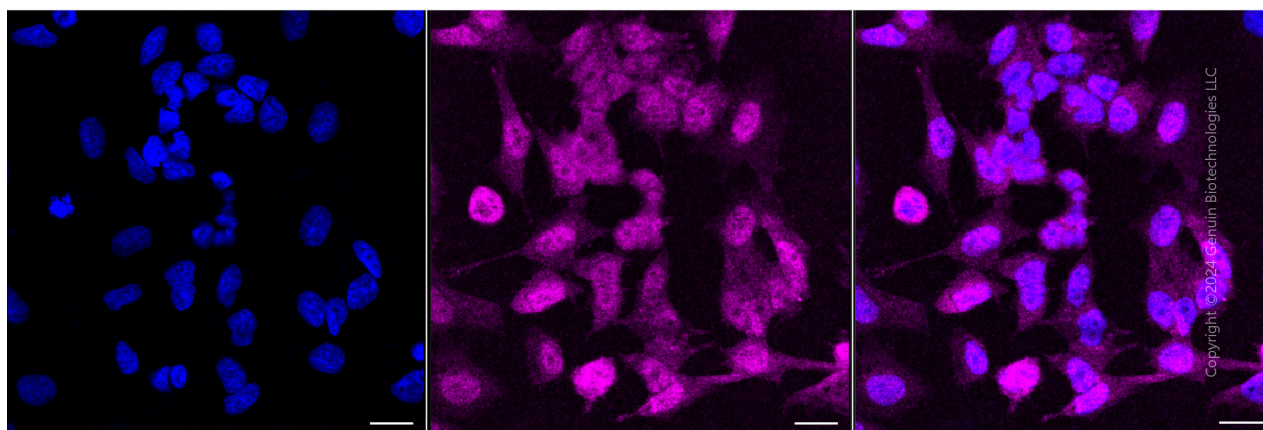
Note: This product is for research use only.

Validation Data



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Flow cytometric analysis of galectin 3 expression in HeLa cells using anti-galectin 3 antibody (Cat#4300, 1:2,000). Green, isotype control; red, galectin 3.



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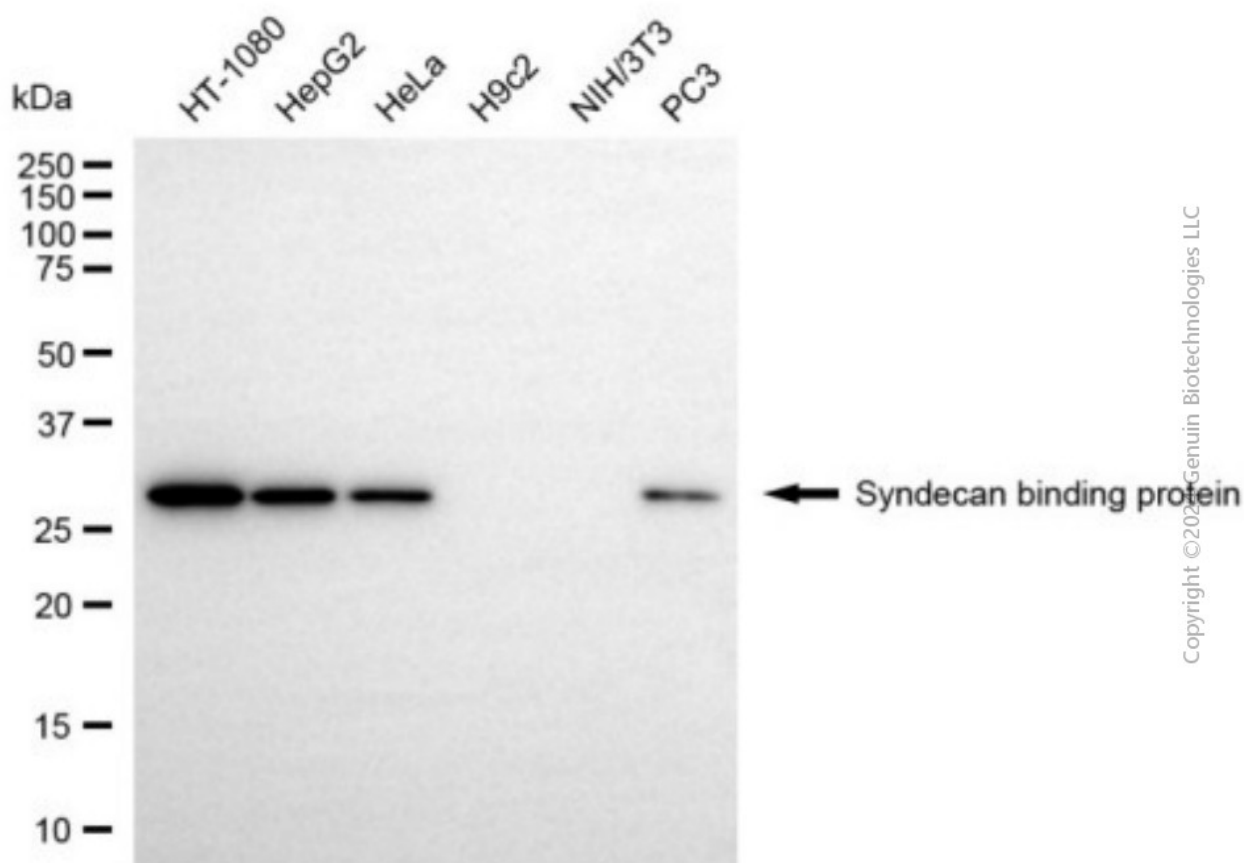
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Immunocytochemical staining of HeLa cells with anti-galectin 3 antibody (Cat#4300, 1:1,000). Nuclei were stained blue with DAPI; Galectin 3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μ m.



Western blotting analysis using anti-galectin 3 antibody (Cat#4300). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-galectin 3 antibody (Cat#4300, 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).

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