

KD-Validated Anti-Galectin 3 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

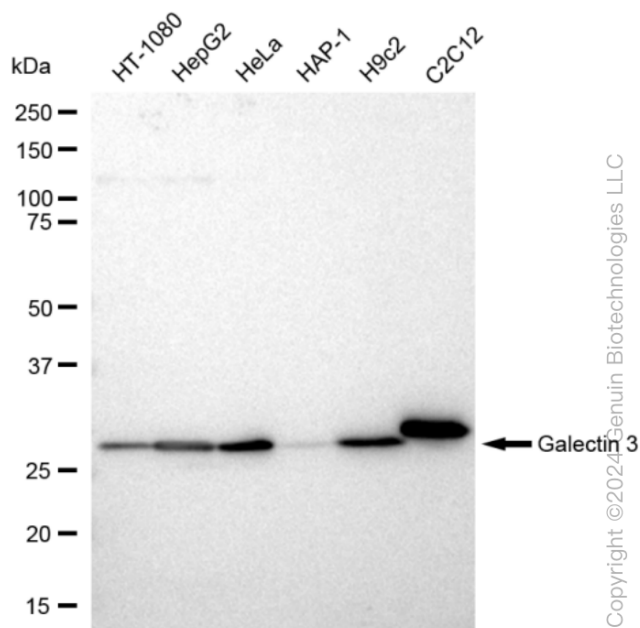
ABG1067

Product Overview

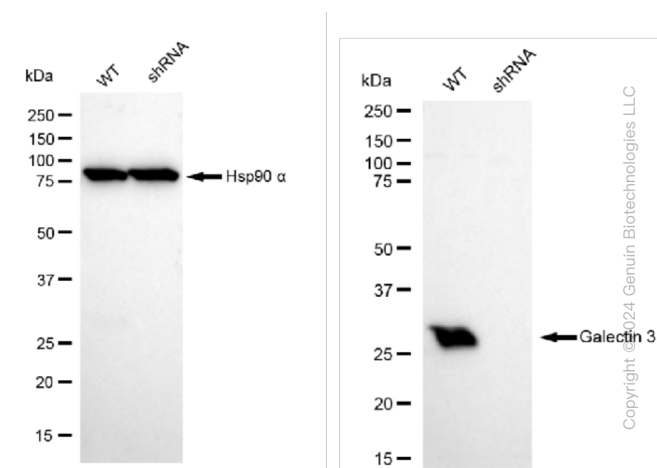
Name	KD-Validated Anti-Galectin 3 Rabbit Monoclonal Antibody
Accession(Primary)	P17931
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Galectin 3
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 26 kDa , observed, 30 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (P17931)

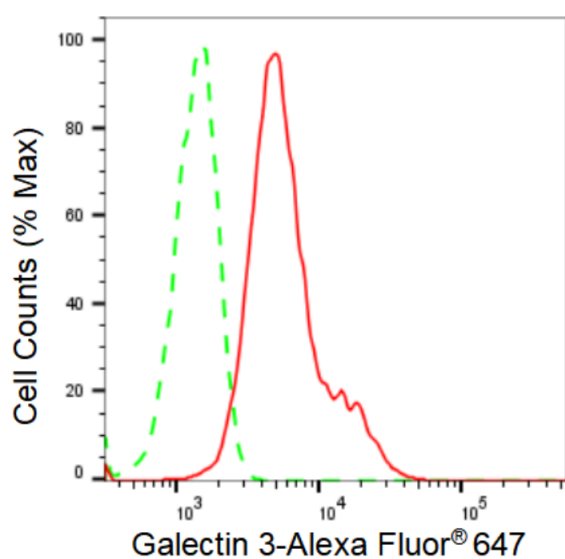
Gene Name	LGALS3
About Gene Symbol	LGALS3 (Galectin 3) is an extracellular matrix laminin protein involved in adaptive immunity. It is an important research target in cell signaling, drug discovery, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



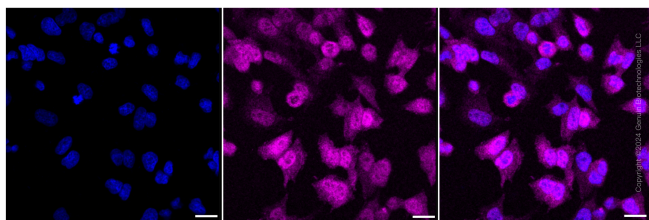
Western blotting analysis using anti-Galectin 3 antibody (Cat#ABG1067). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Galectin 3 antibody (Cat#ABG1067, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-Galectin 3 antibody (Cat#ABG1067). Galectin 3 expression in wild type (WT) and galectin 3 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Galectin 3 antibody (Cat#ABG1067, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Galectin 3 expression in HeLa cells using Galectin 3 antibody (Cat#ABG1067, 1:2,000). Green, isotype control; red, Galectin 3.



Immunocytochemical staining of HeLa cells with Galectin 3 antibody (Cat#ABG1067, 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.