



Datasheet for ABIN5647567
anti-LGALS1/Galectin 1 antibody



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4 Images

Overview

Quantity:	100 µg
Target:	LGALS1/Galectin 1 (LGALS1)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), ELISA (Capture)

Product Details

Immunogen:	A recombinant rat protein corresponding to amino acids A2-E135 was used as the immunogen for the Galectin 1 antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

Target Details

Target:	LGALS1/Galectin 1 (LGALS1)
Alternative Name:	Galectin 1 (LGALS1 Products)
Background:	Galectin-1 is a protein that in humans is encoded by the LGALS1 gene. The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. Galectin-1 may act as an autocrine negative growth factor that regulates cell proliferation. Galectin-1 expression in Hodgkin Lymphoma has also been shown to mediate

Target Details

immunosuppression of CD8+ T-cells. It is thought to play a role in creating immune tolerance in pregnancy. It has been found that Galectin-1-mediated production of IL6 may assist in augmenting the innate immune response against NiV. Galectin-1 may also be a significant factor that augments the efficiency of the HIV-1 infection process.

UniProt: [P11762](#)

Pathways: [Carbohydrate Homeostasis](#)

Application Details

Application Notes: Optimal dilution of the Galectin 1 antibody should be determined by the researcher. Western Blot: 0.5-1 µg/mL, IHC (FFPE): 1-2 µg/mL, ELISA (Capture, rat recombinant protein): 0.1-0.5 µg/mL (BSA-free format available)

Restrictions: For Research Use only

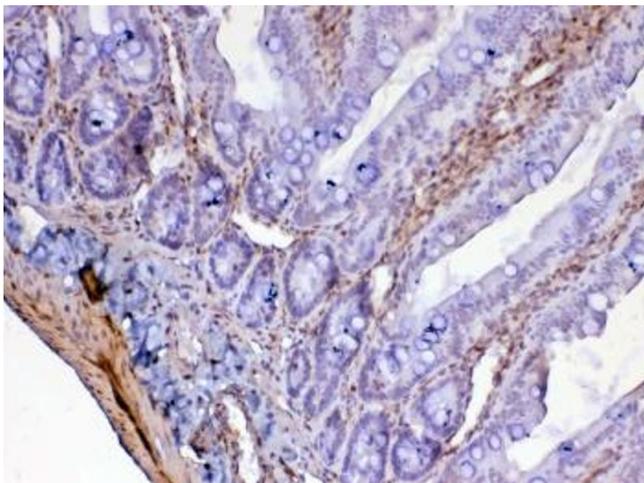
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

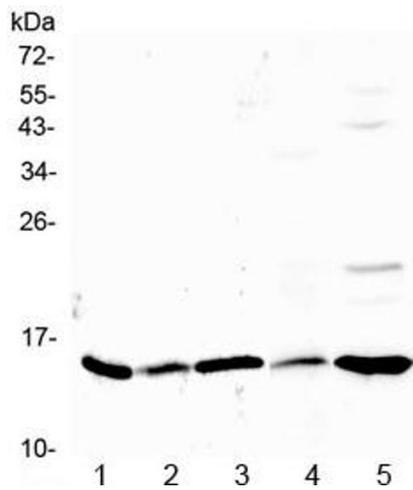
Storage Comment: After reconstitution, the Galectin 1 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



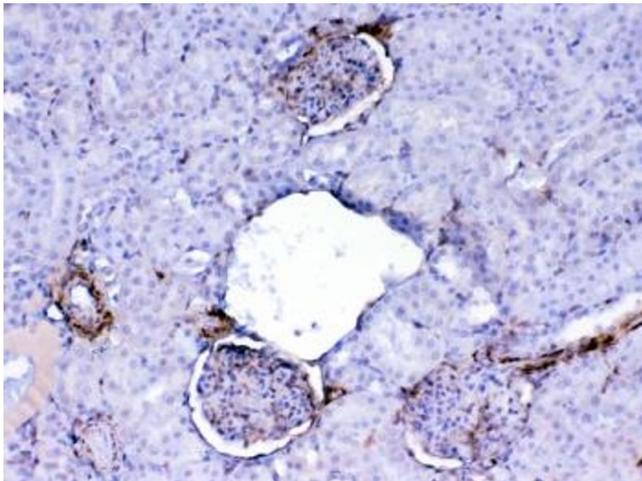
Immunohistochemistry

Image 1. IHC testing of FFPE rat small intestine tissue with Galectin 1 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



Western Blotting

Image 2. Western blot testing of 1) rat stomach, 2) rat ovary, 3) rat testis, 4) mouse kidney and 5) human HeLa lysate with Galectin 1 antibody at 0.5ug/ml. Predicted molecular weight ~15 kDa.



Immunohistochemistry

Image 3. IHC testing of FFPE rat kidney tissue with Galectin 1 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN5647567.