

## Anti-Galectin 1 Biotinylated Lgals1 Antibody

Catalog Number: A00470-Biotin

### About Lgals1

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 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.

### Overview

Product Name	Anti-Galectin 1 Biotinylated Lgals1 Antibody
Reactive Species	Mouse
Description	Boster Bio Anti-Galectin 1 Biotinylated Lgals1 Antibody catalog # A00470-Biotin. Tested in ELISA applications. This antibody reacts with Mouse.
Conjugate	Biotin
Application	ELISA
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Lgals1: P16045

### Technical Details

Immunogen	E. coli-derived mouse Galectin 1 recombinant protein (Position: A2-E135).
Predicted Reactive Species	Bovine
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.

**Suggested Dilutions**

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

ELISA Detection (Matched Antibody Pair), 0.1-0.5ug/ml

## Anti-Galectin 1 Biotinylated Lgals1 Antibody (A00470-Biotin) Images



Boster Kit Box

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