BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Galectin 1 Lgals1 Antibody

Catalog Number: A00470-2

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.

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Overview

Product Name	Anti-Galectin 1 Lgals1 Antibody
Reactive Species	Mouse
Description	Boster Bio Anti-Galectin 1 Lgals1 Antibody catalog # A00470-2. Tested in ELISA applications. This antibody reacts with Mouse.
Application	ELISA (Cap)
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9 mg NaCl, 0.2 mg Na2HPO4, and 0.05 mg NaN3. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
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	P16045

Technical Details

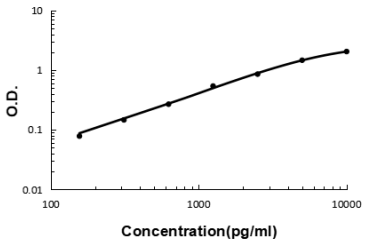
Immunogen	E. coli-derived mouse Galectin 1 recombinant protein (Position: A2-E135).

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Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
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	ELISA Capture (Matched Antibody Pair), 2-8ug/ml

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Anti-Galectin 1 Lgals1 Antibody (A00470-2) Images



Sandwich ELISA - Recombinant mouse Galectin 1 protein standard curve. Use in combination with reagents from Mouse Galectin 1 ELISA Kit EZ-Set (DIY Antibody Pairs) (EZ0763).

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For Research Use Only. Not for use in diagnostic procedures.