

Anti-Galectin 1 LGALS1 Monoclonal Antibody

Catalog Number: M00470-1

About LGALS1

C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates.

Overview

Product Name	Anti-Galectin 1 LGALS1 Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Galectin 1 LGALS1 Monoclonal Antibody catalog # M00470-1. Tested in WB, IHC, IP applications. This antibody reacts with Human, Mouse, Rat.
Application	IP, IHC, WB
Clonality	Monoclonal ADGB-12
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P09382

Technical Details

Immunogen	A synthesized peptide derived from human Galectin 1 May regulate apoptosis, cell proliferation and cell differentiation. Binds beta-galactoside and a wide array of complex carbohydrates. Inhibits CD45 protein phosphatase activity and therefore the dephosphorylation of Lyn kinase.
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
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:

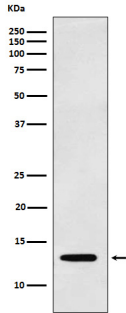
Boster Bio's internal QC testing used:

WB 1:500-1:2000

IHC 1:50-1:200

IP 1:50

Anti-Galectin 1 LGALS1 Monoclonal Antibody (M00470-1) Images



Western blot analysis of Galectin 1 expression in K562 cell lysate.

1 Publications Citing This Product

1. PubMed ID: 32231658, Ye Z,Huang S,Zhang Y,Mei X,Zheng H,Li M,Chen J,Lu F.Galectins, Eosinophiles, and Macrophages May Contribute to Schistosoma japonicum Egg-Induced Immunopathology in a Mouse Model.Front Immunol.2020 Mar 13;11:146.doi:10.3389/fimmu.2020.00146.PMID:32231658;

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