

Product Datasheet

Galectin-1 Antibody (1E8-1B2) - Azide and BSA Free H00003956-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 4

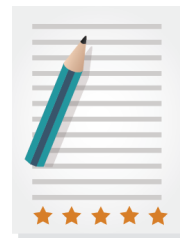
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H00003956-M01

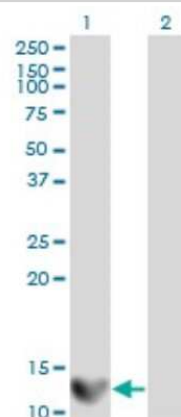
Galectin-1 Antibody (1E8-1B2) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1E8-1B2
Preservative	No Preservative
Isotype	IgG2b Lambda
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	3956
Gene Symbol	LGALS1
Species	Human
Specificity/Sensitivity	LGALS1 - lectin, galactoside-binding, soluble, 1 (galectin 1)
Immunogen	LGALS1 (AAH01693, 1 a.a. ~ 135 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MACGLVASNLNLKPGECLRVRGEVAPDAKSFVLNLGKDSNNLCLHFNPRFNAH GDANTIVCNSKDGGAWGTEQREAVFPFQPGSVAEVCITFDQANLTVKLPDGYE FKFPNRLNLEAINYMAADGDFKIKCVAFD
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence 1:10-1:2000, Immunoprecipitation 1:10-1:500, Sandwich ELISA
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF and ELISA.

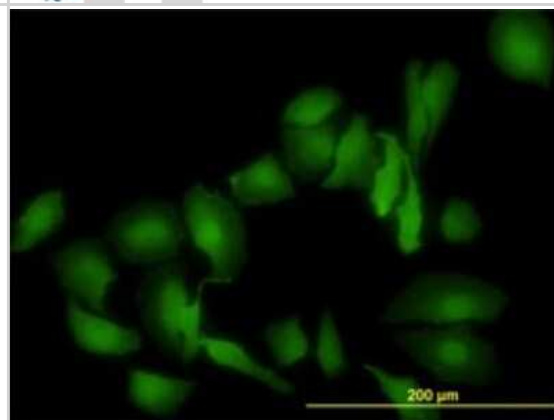


Images

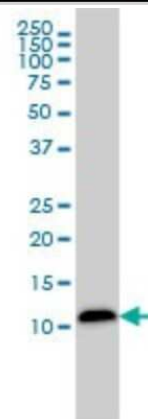
Western Blot: Galectin-1 Antibody (1E8-1B2) [H00003956-M01] - Analysis of LGALS1 expression in transfected 293T cell line by LGALS1 monoclonal antibody (M01), clone 1E8-1B2. Lane 1: LGALS1 transfected lysate (14.7 KDa). Lane 2: Non-transfected lysate.



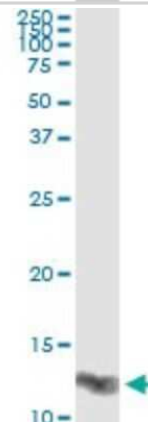
Immunocytochemistry/Immunofluorescence: Galectin-1 Antibody (1E8-1B2) [H00003956-M01] - Analysis of monoclonal antibody to LGALS1 on HeLa cell. Antibody concentration 10 ug/ml.



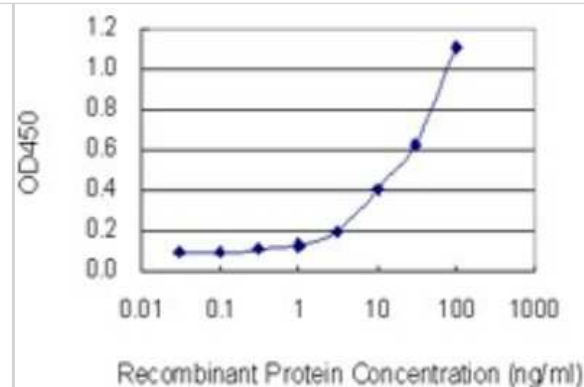
Western Blot: Galectin-1 Antibody (1E8-1B2) [H00003956-M01] - LGALS1 monoclonal antibody (M01), clone 1E8-1B2 Analysis of LGALS1 expression in HepG2.



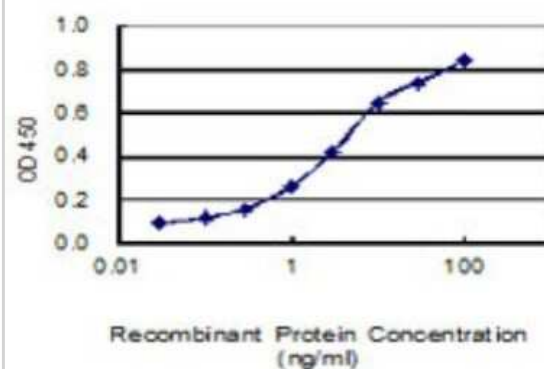
Immunoprecipitation: Galectin-1 Antibody (1E8-1B2) [H00003956-M01] - Analysis of LGALS1 transfected lysate using anti-LGALS1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with LGALS1 MaxPab rabbit polyclonal antibody.



Sandwich ELISA: Galectin-1 Antibody (1E8-1B2) [H00003956-M01] - Detection limit for recombinant GST tagged LGALS1 is 1 ng/ml as a capture antibody.



Sandwich ELISA: Galectin-1 Antibody (1E8-1B2) [H00003956-M01] - Detection limit for recombinant GST tagged LGALS1 is 0.03 ng/ml as a capture antibody.



Publications

Pucci-Minafra I, Di Cara G, Musso R et al. Retrospective Proteomic Screening of 100 Breast Cancer Tissues. *Proteomes*. 2017-07-07 [PMID: 28686225] (WB, Human)

Minafra IP, Musso GDCR, Valentino GPB. Proteomic Profiling of In-Vitro Bone-Conditioned Skbr3 Breast Cancer Cells. *Journal of Proteomics & Bioinformatics*. 2016-03-14 (WB, Human)

Tan HT, Tan S, Lin Q et al. Quantitative and temporal proteome analysis of butyrate-treated colorectal cancer cells. *Mol Cell Proteomics* 2008-03-14 [PMID: 18344232]

Ose R, Ohara O, Nagase T. et al. Galectin-1 and Galectin-3 Mediate Protocadherin-24-Dependent Membrane Localization of β -catenin in Colon Cancer Cell Line HCT116. *Current Chemical Genomics* 2012-09-20 [PMID: 23115611]



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Products Related to H00003956-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-34878-10ug	Recombinant Human Galectin-1 Protein
DY417-05	IL-10 [Biotin]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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