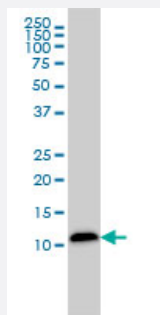


LGALS1 monoclonal antibody (M01), clone 1E8-1B2

Catalog # H00003956-M01

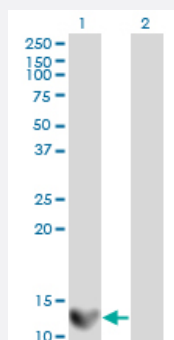
Size 100 ug

Applications



Western Blot (Cell lysate)

LGALS1 monoclonal antibody (M01), clone 1E8-1B2 Western Blot analysis of LGALS1 expression in HepG2 (Cat # L019V1).

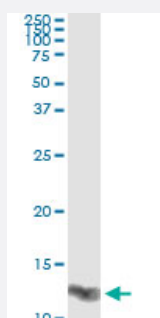


Western Blot (Transfected lysate)

Western Blot analysis of LGALS1 expression in transfected 293T cell line by LGALS1 monoclonal antibody (M01), clone 1E8-1B2.

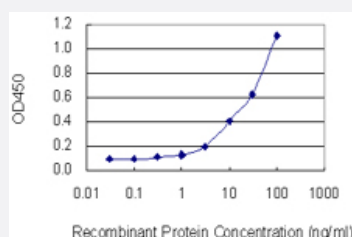
Lane 1: LGALS1 transfected lysate(14.7 KDa).

Lane 2: Non-transfected lysate.



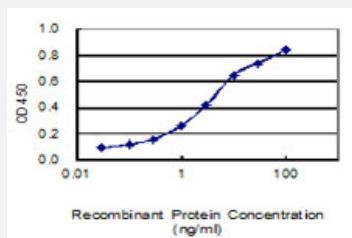
Immunoprecipitation

Immunoprecipitation of LGALS1 transfected lysate using anti-LGALS1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with LGALS1 MaxPab rabbit polyclonal antibody.



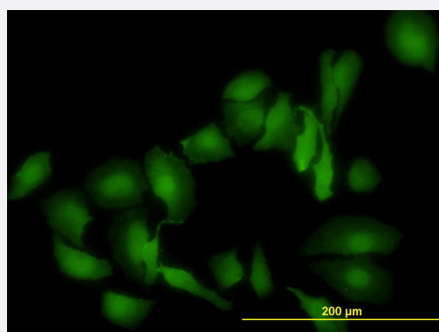
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LGALS1 is 1 ng/ml as a capture antibody.



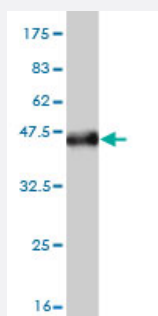
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LGALS1 is 0.03 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to LGALS1 on HeLa cell.
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (40.59 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant LGALS1.
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.
Sequence	MACGLVASNLNLKPGECLRVRGVAPDAKSFVLNLGKDSNNLCLHFNPRFNAHGDANTVCNSK DGGAWGTEQREAVFPFQPGSVAEVCITFDQANLTVKLPDGYEFKFPNRLNLEAINYMAADGDFKI KCVAFD
Host	Mouse
Reactivity	Human
Isotype	IgG2b Lambda

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (40.59 KDa) .

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

LGALS1 monoclonal antibody (M01), clone 1E8-1B2 Western Blot analysis of LGALS1 expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot 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.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of LGALS1 transfected lysate using anti-LGALS1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with LGALS1 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LGALS1 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LGALS1 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to LGALS1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — LGALS1

Entrez GeneID [3956](#)

GeneBank Accession# [BC001693](#)

Protein Accession# [AAH01693](#)

Gene Name LGALS1

Gene Alias DKFZp686E23103, GAL1, GBP

Gene Description lectin, galactoside-binding, soluble, 1

Omim ID [150570](#)

Gene Ontology [Hyperlink](#)

Gene Summary The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. This gene product may act as an autocrine negative growth factor that regulates cell proliferation. [provided by RefSeq]

Other Designations OTTHUMP00000028982|S-Lac lectin 1|beta-galactoside-binding lectin L-14-|galaptin|galectin 1|galectin-1|lactose-binding lectin 1

Publication Reference

- [Galectin-1 and Galectin-3 Mediate Protocadherin-24-Dependent Membrane Localization of \$\beta\$ -catenin in Colon Cancer Cell Line HCT116.](#)

Ose R, Oharaa O, Nagase T.

Current Chemical Genomics 2012 Sep; 6:18.

Application: IF, WB-Tr, Human, HCT-116 cells

- [Quantitative and temporal proteome analysis of butyrate-treated colorectal cancer cells.](#)

Tan HT, Tan S, Lin Q, Lim TK, Hew CL, Chung MC.

Molecular & Cellular Proteomics 2008 Mar; 7(6):1174.

Application: WB, Human, HCT-116

Disease

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