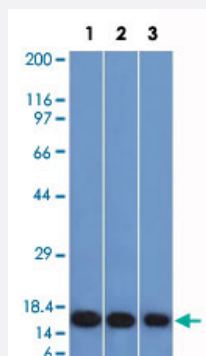


LGALS1 monoclonal antibody, clone GAL1/1831

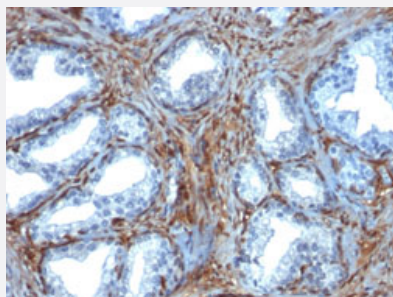
Catalog # MAB14837 Size 100 ug

Applications



Western Blot (Cell lysate)

Western Blot analysis of Lane 1: HeLa, Lane 2: K562 and Lane 3: 293 cell lysates with LGALS1 monoclonal antibody, clone GAL1/1831 (Cat # MAB14837).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate carcinoma with LGALS1 monoclonal antibody, clone GAL1/1831 (Cat # MAB14837).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human LGALS1.
Immunogen	Recombinant protein corresponding to amino acids 12-108 of human LGALS1.
Host	Mouse
Theoretical MW (kDa)	14
Reactivity	Human
Form	Liquid

Purification	Protein A/G purification
Isotype	IgG1, lambda
Recommend Usage	ELISA (2-4 ug/mL for coating) Flow Cytometry (0.5-1 ug/10 ⁶ cells in 0.1 mL) Immunofluorescence (1-2 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) Western Blotting (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.
Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of Lane 1: HeLa, Lane 2: K562 and Lane 3: 293 cell lysates with LGALS1 monoclonal antibody, clone GAL1/1831 (Cat # MAB14837).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate carcinoma with LGALS1 monoclonal antibody, clone GAL1/1831 (Cat # MAB14837).

- Immunofluorescence

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

Gene Info — LGALS1

Entrez GeneID	3956
Protein Accession#	P09382
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

- [Molecular cloning, characterization, and expression of a human 14-kDa lectin.](#)

Couraud PO, Casentini-Borocz D, Bringman TS, Griffith J, McGrogan M, Nedwin GE.

The Journal of Biological Chemistry 1989 Jan; 264(2):1310.

Disease

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