Mouse anti-Mouse, Human Galectin-1 Monoclonal Antibody | anti-LGALS1 antibody

Monoclonal Antibody to Galectin-1 (Clone: ABM55A5)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78438	**Mouse**	**Mouse, Human**	**Flow Cytometry, Functional Assay, Western Blot**

PRODUCT SYNONYMS

Galectin-1; Monoclonal Antibody; Monoclonal Antibody to Galectin-1 (Clone: ABM55A5); 14 kDa laminin-binding protein; 14 kDa lectin; Beta-galactoside-binding lectin L-14-1; Galaptin; HBL; HPL; Lactose-binding lectin 1; Lectin galactoside-binding soluble 1; Putative MAPK-activating protein PM12; S-Lac lectin 1; anti-LGALS1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Mouse, Human
Clonality	Monoclonal
Isotype	IgG2b, Kappa
Clone Number	ABM55A5
Purity/Purification	Purified Protein G Chromatography
Form/Format	100 ug in 200 ul PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Sequence Length	135
Applicable Applications for anti-LGALS1 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	Full length recombinant Galectin-1 protein was used as the immunogen for this antibody.
Preparation and Storage	Store the antibody at 4 degree C; stable for 6 months. For long-term storage; store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES

FCM/FACS (Flow Cytometry)
Figure: 3- Intracellular flow analysis of Galectin-1 in A431 cell line using 0.5 ug/10^6 cells of Galectin-1 antibody (Clone: ABM55A5). Green represents isotype control; red represents anti-Galectin-1 antibody (AAA78438). Goat anti-mouse PE conjugate was used as secondary antibody

FCM/FACS (Flow Cytometry)
Figure: 2- Intracellular flow analysis of Galectin-1 in U87 cell line using 0.5 ug/10^6 cells of Galectin-1 antibody (Clone: ABM55A5). Green represents isotype control; red represents anti-Galectin-1 antibody (AAA78438). Goat anti-mouse PE conjugate was used as secondary antibody.

WB (Western Blot)
Figure: 1- Western blot analysis of Galectin-1. Anti-Galectin-1 antibody (Clone: ABM55A5) was tested at 0.01 ug/ml on (1) Recombinant protein and 2 ug/ml on (2) HCT-116, (3) Hela, (4) 3T3, (5) 293, (6) K562, (7) THP1 and (8) PC3 lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-LGALS1 antibody	Cancer Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504981
NCBI GeneID	3956
NCBI Accession #	NP_002296.1
NCBI GenBank Nucleotide #	NM_002305.3
UniProt Accession #	P09382; Q9UDK5; B2R5E8
NCBI Official Full Name	galectin-1
NCBI Official Synonym Full Names	galectin 1
NCBI Official Symbol	LGALS1
NCBI Official Synonym Symbols	GBP; GAL1
NCBI Protein Information	galectin-1
UniProt Protein Name	Galectin-1
UniProt Gene Name	**LGALS1**
UniProt Synonym Gene Names	Gal-1; HLBP14

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/galectin-1-antibody-clone-abm55a5-flow-cytometry-western-blot-elisa/78438