

Gal1/LGALS1 recombinant antibody

Anti-Human Gal1/LGALS1 Antibody (8A12)

CATALOG # AAA120402	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA
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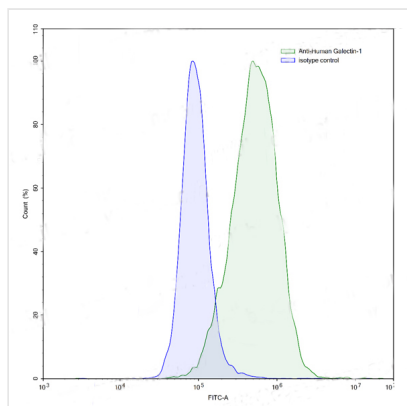
PRODUCT SYNONYMS

Gal1/LGALS1; Monoclonal Recombinant Antibody; Anti-Human Gal1/LGALS1 Antibody (8A12); HLBP14; Lactose-binding lectin 1; LGALS1; HBL; HPL; Beta-galactoside-binding lectin L-14-I; Gal-1; Lectin galactoside-binding soluble 1; Putative MAPK-activating protein PM12; S-Lac lectin 1; Galaptin; Galectin-1; 14 kDa laminin-binding protein; 14 kDa lectin; Gal1/LGALS1 recombinant antibody

PRODUCT SPECIFICATIONS

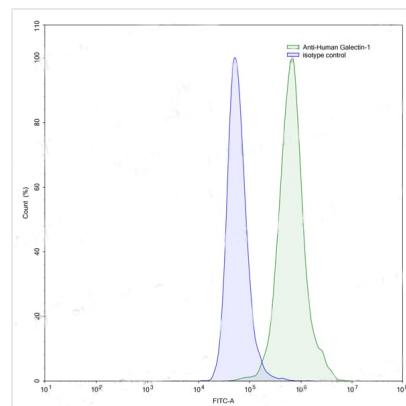
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a, kappa
Clone Number	8A12
Purity/Purification	>95% by SDS-PAGE Protein A or G purified from cell culture supernatant.
Form/Format	Liquid; 0.01M PBS, pH7.4.
Concentration	1mg/ml (varies by lot)
Applicable Applications for Gal1/LGALS1 recombinant antibody	FCM/FACS (Flow Cytometry), ELISA
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at +4 degree C short term (1-2 weeks). Store at -20 degree C 12 months. Store at -80 degree C long term.

IMAGES



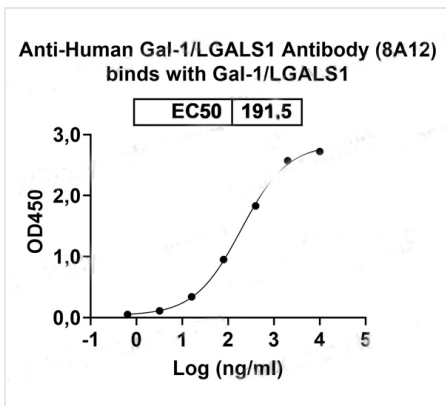
FCM/FACS (Flow Cytometry)

Flow-cytometry using anti-human Galectin-1 antibody. HeLa cells were stained with an irrelevant antibody (Blue Histogram) or an anti-human Galectin-1 antibody monoclonal antibody (Catalog # RHC40102, Green Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-mouse antibody (Catalog # PMB96441) and cells analysed on a NovoCyte Flow Cytometer.



FCM/FACS (Flow Cytometry)

Flow-cytometry using anti-human Galectin-1 antibody. A549 cells were stained with an irrelevant antibody (Blue Histogram) or an anti-human Galectin-1 antibody monoclonal antibody (Catalog # RHC40102, Green Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-mouse antibody (Catalog # PMB96441) and cells analysed on a NovoCyte Flow Cytometer.



Bioactivity

Detects Human Gal1/LGALS1 in indirect ELISAs.

ADDITIONAL INFORMATION

Product Categories/Family for
Gal1/LGALS1 recombinant antibody

[Recombinant Antibodies](#)

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
Molecular Weight	14,716 Da
NCBI Official Full Name	galectin-1
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 1
NCBI Official Symbol	LGALS1
NCBI Official Synonym Symbols	GBP; GAL1
NCBI Protein Information	galectin-1; HBL; HPL; gal-1; HLBP14; galaptin; galectin 1; 14 kDa lectin; S-Lac lectin 1; lactose-binding lectin 1; 14 kDa laminin-binding protein; putative MAPK-activating protein PM12; beta-galactoside-binding lectin L-14-I; beta-galactoside-binding pro
UniProt Protein Name	Galectin-1
UniProt Gene Name	LGALS1
UniProt Synonym Gene Names	Gal-1; HLBP14
UniProt Entry Name	LEG1_HUMAN

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://www.aaabiotech.com/monoclonal/gal1-lgals1-recombinant-antibody-clone-8a12-flow-cytometry-elisa/120402>