

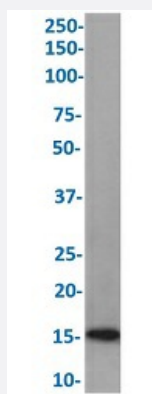
RecomAb™

LGALS1 recombinant monoclonal antibody, clone SAIC-25B-112

Catalog # RAB03631

Size 200 ug

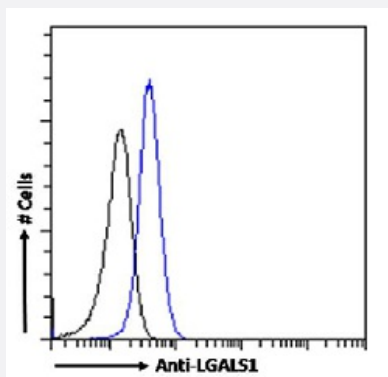
Applications



Western Blot

Western blot analysis of U251 cells with LGALS1 recombinant monoclonal antibody, clone SAIC-25B-112 (Cat # RAB03631).

Western Blot analysis the U251 cell lysates (35ug protein in RIPA buffer) were resolved on a SDS PAGE gel and blots were probed with the chimeric r version of RAB03631 at 0.1 ug/mL before detection using an anti-rondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.



Flow Cytometry

Flow cytometric analysis of Hela cells with LGALS1 recombinant monoclonal antibody, clone SAIC-25B-112 (Cat # RAB03631).

Paraformaldehyde fixed Hela cells permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody (isotype control-black line) or the r version of RAB03631 (blue line) at a dilution of 1:100 for 1h at RT. After washing the bound antibody was detected using a goat anti-r AlexaFluor® 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human LGALS1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against the KLH-conjugated peptide "SFVLNLGK" derived from Galectin 1.
Reactivity	Human

Form	Liquid
Isotype	IgG
Recommend Usage	Flow Cytometry Immuno-MRM (multiple reaction monitoring) Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% Proclin 300)
Storage Instruction	Store at 4°C for 3 months. For long term storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.

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- Flow Cytometry

Flow cytometric analysis of Hela cells with LGALS1 recombinant monoclonal antibody, clone SAIC-25B-112 (Cat # RAB03631). Paraformaldehyde fixed Hela cells permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody (isotype control-black line) or the r version of RAB03631 (blue line) at a dilution of 1:100 for 1h at RT. After washing the bound antibody was detected using a goat anti-r AlexaFluor® 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.

- Immuno-MRM (multiple reaction monitoring)

Gene Info — LGALS1

Entrez GeneID	3956
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-|galactin|galectin 1|galectin-1|lactose-binding lectin 1

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