

Anti-LGALS1 Antibody (5B919)

Product Details

Ig Type:	Mouse IgG2a
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	5B919
Purification:	Affinity-chromatography

Applications

Verified Activity:	Overlay Peak curve showing 3T3 cells surface stained with TMAH-00691 (red line) at 1:100. The cells were fixed in 4% formaldehyde (15min) and permeated by 0.2% TritonX-100 for 10min. Then 10% normal goat serum was incubated to block non-specific protein-protein interactions followed by the antibody (1µg/1*10 ⁶ cells) for 45 min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/200 dilution for 35 min at 4°C. Isotype control antibody (green line) was mouse IgG1 (1µg/1*10 ⁶ cells) used under the same conditions. Acquisition of >10,007 events was performed.
Application:	ELISA, FCM
Recommended	FCM:1:20-1:500.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human LGALS1 Protein
Antigen Species:	Human
Gene ID:	3956
Uniprot ID:	P09382
Synonyms:	Galectin 1;LGALS1;HLBP14;DKFZp686E23103;GBP;S-Lac lectin 1;GAL1;Galectin-1
Biology Area:	Cancer, Cell biology

Research Background

Lectin that binds beta-galactoside and a wide array of complex carbohydrates. Plays a role in regulating apoptosis, cell proliferation and cell differentiation. Inhibits CD45 protein phosphatase activity and therefore the dephosphorylation of Lyn kinase. Strong inducer of T-cell apoptosis.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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