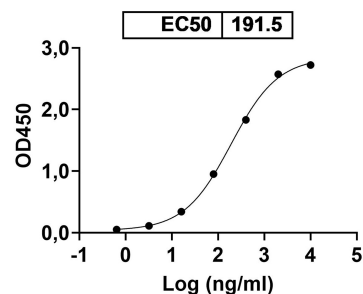


| Product Information       |                                                                                                                                                                                                                                                                     |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No.               | RA13931                                                                                                                                                                                                                                                             |
| Product name              | Anti-Human Gal1/LGALS1 Antibody (8A12)                                                                                                                                                                                                                              |
| Applications              | ELISA, FCM                                                                                                                                                                                                                                                          |
| Species reactivity        | Human                                                                                                                                                                                                                                                               |
| Host species              | Mouse                                                                                                                                                                                                                                                               |
| Clonality                 | Monoclonal                                                                                                                                                                                                                                                          |
| Isotype                   | IgG2a, kappa                                                                                                                                                                                                                                                        |
| Clone ID                  | 8A12                                                                                                                                                                                                                                                                |
| Form                      | Liquid                                                                                                                                                                                                                                                              |
| Storage buffer            | 0.01M PBS, pH 7.4.                                                                                                                                                                                                                                                  |
| Concentration             | 1 mg/ml                                                                                                                                                                                                                                                             |
| Purity                    | >95% as determined by SDS-PAGE.                                                                                                                                                                                                                                     |
| Purification              | Protein A/G purified from cell culture supernatant.                                                                                                                                                                                                                 |
| Target                    | 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 |
| Accession                 | P09382                                                                                                                                                                                                                                                              |
| Endotoxin level           | Please contact with the lab for this information.                                                                                                                                                                                                                   |
| Stability and Storage     | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at 4°C short term (1-2 weeks). Store at -20°C 12 months. Store at -80°C long term.                                                                                                        |
| Product Usage Information | ELISA: 1:2000-1:20000                                                                                                                                                                                                                                               |
| Note                      | For research use only.                                                                                                                                                                                                                                              |

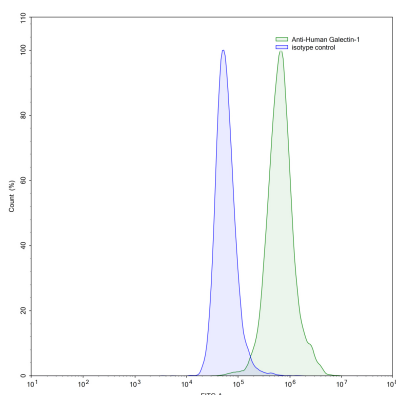
### Image Data

**Anti-Human Gal-1/LGALS1 Antibody (8A12)**  
binds with Gal-1/LGALS1



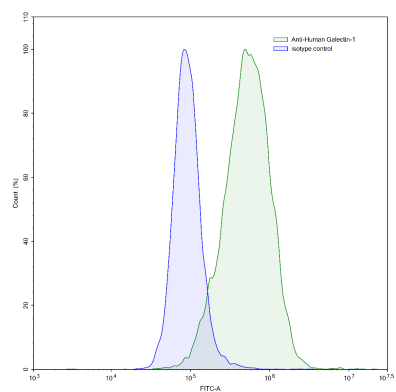
Bioactivity

Detects Human Gal1/LGALS1 in indirect ELISAs.



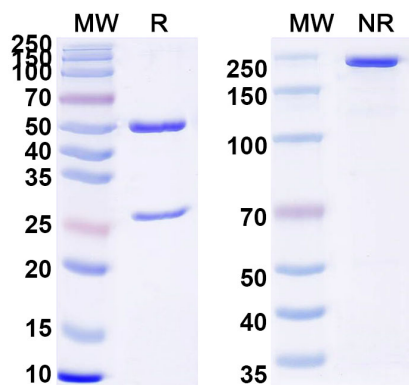
Flow Cytometry

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 # HY272023, 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 # MF690414) and cells analysed on a NovoCyte Flow Cytometer.



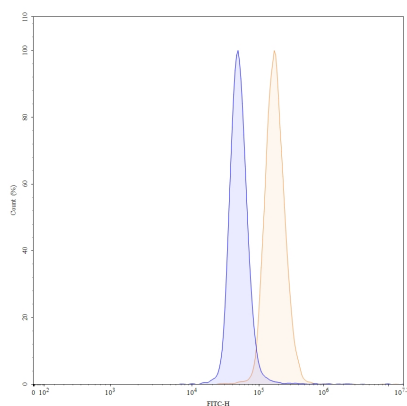
Flow Cytometry

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 # HY272023, 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 # MF690414) and cells analysed on a NovoCyte Flow Cytometer.



SDS-PAGE for Anti-Human Gal1/LGALS1 Antibody (8A12).

SDS-PAGE



Flow cytometry

Flow-cytometry using anti-human Galectin-1 antibody. 5637 cells were fixed and permeabilized, then stained with an irrelevant antibody (Blue Histogram) or an anti-human Galectin-1 monoclonal antibody (Catalog HY272023, Yellow Histogram) at a concentration of 5  $\mu\text{g}/\text{ml}$  for 30 mins at RT. After washing, bound antibody was detected using Goat Anti-Mouse IgG H&L Polyclonal Antibody, FITC (abinScience: MF690414) and cells analysed on a NovoCyte Flow Cytometer.