

PRODUCT INFORMATION

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| Clone ID | 1G3 |
| Target | LGALS3 |
| Synonyms | CBP35;GAL3;GALBP;GALIG;L31;LGALS2;MAC2 |
| Host Species | Rabbit |
| Description | Anti-LGALS3 antibody(1G3), Rabbit mAb |
| Delivery | In Stock |
| Uniprot ID | P17931 |
| IgG type | Rabbit IgG |
| Clonality | Monoclonal |
| Reactivity | Human |
| Applications | ELISA |
| Recommended Dilutions | ELISA 1/5000-10000 |
| Purification | Purified from cell culture supernatant by affinity chromatography |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage & Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Background | This gene encodes a member of the galectin family of carbohydrate binding proteins. Members of this protein family have an affinity for beta-galactosides. The encoded protein is characterized by an N-terminal proline-rich tandem repeat domain and a single C-terminal carbohydrate recognition domain. This protein can self-associate through the N-terminal domain allowing it to bind to multivalent saccharide ligands. This protein localizes to the extracellular matrix, the cytoplasm and the nucleus. This protein plays a role in numerous cellular functions including apoptosis, innate immunity, cell adhesion and T-cell regulation. The protein exhibits antimicrobial activity against bacteria and fungi. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Oct 2014] |
| Usage | Research use only |
| Conjugate | Unconjugated |



Anti-LGALS3 (1G3) mAb ELISA

0.1 μ g of Human LGALS3, his tagged protein per well

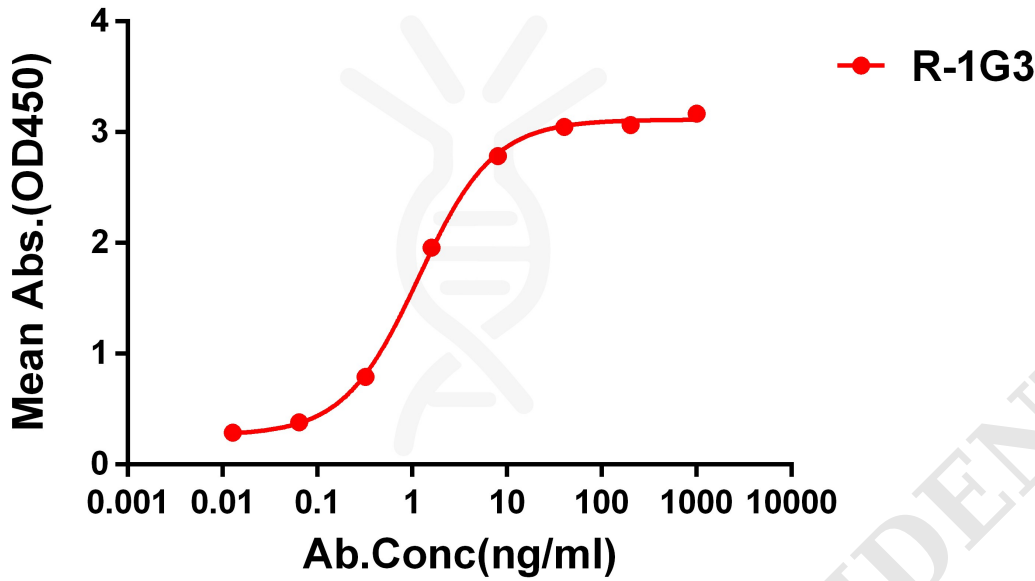


Figure 1. ELISA plate pre-coated by 1 μ g/ml (100 μ l/well) Human LGALS3 Protein can bind Rabbit anti-LGALS3 monoclonal antibody(clone: 1G3) in a linear range of 0.1-10 ng/ml.

