

12-90461: Anti-LGALS3 antibody(1G3), Rabbit mAb

Clonality :	Monoclonal
Clone Name :	1G3
Application :	ELISA
Reactivity :	Human
Conjugate :	Unconjugated
Gene :	LGALS3
Uniprot ID :	P17931
Alternative Name :	CBP35;GAL3;GALBP;GALIG;L31;LGALS2;MAC2
Isotype :	Rabbit IgG

Description

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]

Product Info

Amount :	100 µg / 10 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	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.

Application Note

ELISA 1/5000-10000

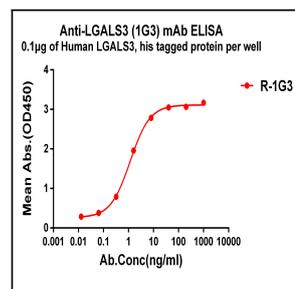


Figure 1. ELISA plate pre-coated by 1 µg/ml (100 µl/well) Human LGALS3 Protein can bind Rabbit anti-LGALS3 monoclonal antibody(clone: 1G3) in a linear range of 0.1-10 ng/ml.