

Product datasheet for **TA600570**

Galectin 3 (LGALS3) Mouse Monoclonal Capture Antibody [Clone ID: OTI1A3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1A3
Applications:	ELISA
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human LGALS3(NP_002297) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Predicted Protein Size:	26.2 kDa
Gene Name:	galectin 3
Database Link:	NP_002297 Entrez Gene 3958 Human P17931

Background: Galectin-3 is a protein encoded by the LGALS3 gene (in human). It is a member of the lectin family and has an affinity for beta-galactosides. Galectin-3 is involved in many biological processes such as cell adhesion, cell activation and chemoattraction, cell growth and differentiation, cell cycle, and apoptosis. It has been demonstrated that galectin-3 involves in cancer, inflammation, fibrosis, heart disease, and stroke. Galectin-3 is upregulated in cases of liver fibrosis, renal fibrosis, and idiopathic pulmonary fibrosis, and elevated levels of galectin-3 are significantly associated with higher risk of death in both acute decompensated heart failure and chronic heart failure populations. In addition, galectin-3 is increasingly being used as a diagnostic and prognostic marker for different cancers.



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Synonyms: CBP35; GAL3; GALBP; GALIG; L31; LGALS2; MAC2
Matched ELISA Pair: TA700570
Protein Families: Secreted Protein