

Anti-Galectin-3/LGALS3 Antibody (6M836)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	6M836
Purification:	Protein A

Applications

Verified Activity:	1. Immunochemical staining of human Galectin3 in human lung with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).
	2. Immunochemical staining of human Galectin3 in human colon carcinoma with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).
Application:	IHC-P
Recommended	IHC-P: 1:100-1:500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human Galectin-3 / LGALS3 protein
Antigen Species:	Human

Research Background

LGALS3 (Galectin 3) is a Protein Coding gene. This gene encodes a member of the galectin family of carbohydrate-binding proteins. The encoded protein is characterized by an N-terminal proline-rich tandem repeat domain and a single C-terminal carbohydrate recognition domain. LGALS3 is a beta-galactoside-binding lectin and plays a role in numerous cellular functions including apoptosis, innate immunity, cell adhesion, and T-cell regulation. LGALS3 has an important role in tumor progression through inhibition of apoptosis. LGALS3 expression is associated with neoplastic transformation and with differentiation of monocytes to macrophages. Elevated expression of LGALS3 has been demonstrated in the synovium of rheumatoid arthritis (RA). Diseases associated with LGALS3 include Follicular Adenoma and Papillary Carcinoma.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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