

Galectin-3 Monoclonal Antibody

Cat #: ABM40240

Size: 30µl /100µl /200µl

Product Information

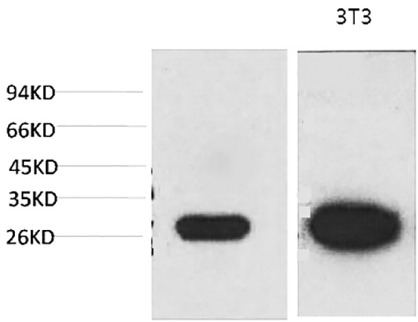
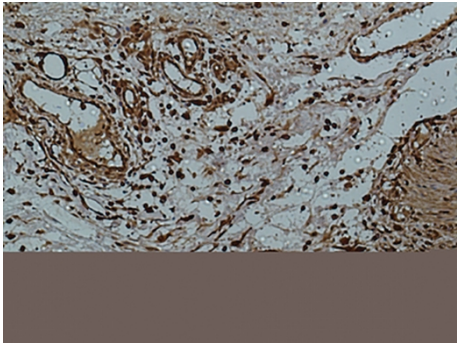
	Product Name: Galectin-3 Monoclonal Antibody		
	Applications: WB, IHC-P, ELISA		Isotype: Mouse IgG1
	Reactivity: Human, Mouse		
REF	Catalog Number: ABM40240	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: LGALS3 (galectin 3) 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.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:2000-1:5000), IHC-P (1:100-1:200).

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

	Fig.1. Western blot analysis of 1) MCF7, 2) 3T3 with Galectin-3 Mouse mAb diluted at 1:2000.
	Fig.2. Immunohistochemical analysis of paraffin-embedded human-colon using antibody diluted at 1:50.

Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.