



Mouse Anti-Human Galectin 3/LGALS3 monoclonal antibody, clone NN16 (CABT- ZB732)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	It reacts with Human Galectin 3/LGALS3
Target	LGALS3
Immunogen	Recombinant Human LGALS3 Protein
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	NN16
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(cap) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB732 - CABT-ZB1051 This antibody will detect Galectin 3/LGALS3 in antibody pair set. [ABPR-ZB312]
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human LGALS3. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Format	Purified, Liquid

Concentration	Lot specific
Size	50 µL, 100 µL, 200 µL, 1 mL
Buffer	PBS
Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	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.
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Keywords	LGALS3; lectin, galactose binding, soluble 3; GBP; L-34
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GENE INFORMATION

Synonyms	LGALS3; lectin, galactose binding, soluble 3; GBP; L-34; gal3; Mac-2; galectin-3; gal-3; CBP 35; lectin L-29; 35 kDa lectin; mac-2 antigen; igE-binding protein; laminin-binding protein; galactose-specific lectin 3; L-34 galactoside-binding lectin; carbohydrate-binding protein 35
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Entrez Gene ID	3958
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UniProt ID	Q08380
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