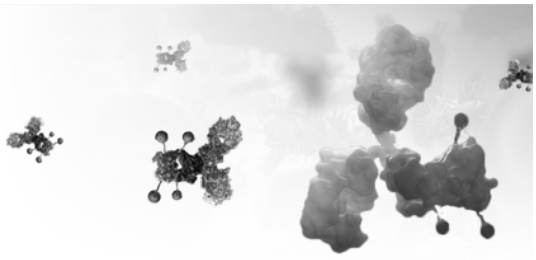

Mouse Anti-Human Galectin-3 monoclonal antibody, clone JID692 (CABT-L2899)

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

PRODUCT INFORMATION

Product Overview	This antibody is intended for qualified laboratories to qualitatively identify by light microscopy the presence of associated antigens in sections of formalin-fixed, paraffin-embedded tissue sections using IHC test methods.
Specificity	Human Galectin-3
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	JID692
Conjugate	Unconjugated
Applications	IHC
Reconstitution	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining. The concentrated antibody requires dilution in the optimized buffer, to the recommended working dilution range.
Positive Control	Papillary Thyroid Carcinoma
Format	Liquid
Size	Predilut: 7 ml, Concentrate: 100 µl, Concentrate: 1 ml
Buffer	Predilute: Antibody Diluent Buffer Concentrate: Tris Buffer, pH 7.3 - 7.7, with 1% BSA

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Preservative	< 0.1% Sodium Azide
Storage	Store at 2-8°C. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction	Galectin-3 is a lectin involved in cell adhesion, macrophage activation, angiogenesis, metastasis, and apoptosis. Anti-Galectin-3 is useful for distinguishing between benign and malignant thyroid neoplasms. Galectin-3 is also useful for recognizing anaplastic large cell lymphoma.
Keywords	LGALS3;CBP35;GAL3;GALBP;GALIG;L31;LGALS2;MAC2;35 kDa lectin;IgE-binding protein;MAC-2 antigen;carbohydrate-binding protein 35;galactose-specific lectin 3;laminin-binding protein;lectin L-29

GENE INFORMATION

Gene Name	LGALS3 lectin, galactoside-binding, soluble, 3 [Homo sapiens (human)]
Official Symbol	LGALS3
Synonyms	LGALS3; lectin, galactoside-binding, soluble, 3; L31; GAL3; MAC2; CBP35; GALBP; GALIG; LGALS2; galectin-3; lectin L-29; 35 kDa lectin; MAC-2 antigen; IgE-binding protein; laminin-binding protein; galactose-specific lectin 3; carbohydrate-binding protein 35;
Entrez Gene ID	3958
Protein Refseq	NP_001170859
UniProt ID	A0A024R693
Chromosome Location	14q22.3
Pathway	AGE/RAGE pathway; Advanced glycosylation endproduct receptor signaling; Hedgehog signaling events mediated by Gli proteins; Immune System; Innate Immune System; Spinal Cord Injury;
Function	IgE binding; carbohydrate binding; chemoattractant activity; laminin binding; poly(A) RNA binding; protein binding;

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