

Datasheet for ABIN952440
anti-Galectin 9 antibody (Internal Region)

3 Images

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Overview

Quantity:	50 µg
Target:	Galectin 9 (LGALS9)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Galectin 9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide from Human LEG9. Epitope: Internal.
Isotype:	IgG
Specificity:	This antibody detects endogenous levels of total LEG9 protein.
Cross-Reactivity (Details):	Species reactivity (expected): Mouse and Rat. Species reactivity (tested): Human.
Purification:	Immunoaffinity Chromatography

Target Details

Target:	Galectin 9 (LGALS9)
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Target Details

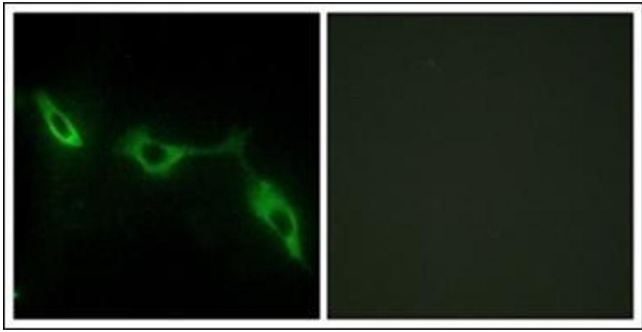
Alternative Name:	Galectin-9 (LGALS9 Products)
Background:	The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. LGALS9 is an S-type lectin. This galectin is strongly overexpressed in Hodgkin's disease tissue and it might participate in the interaction between the H&RS cells with their surrounding cells and might thus play a role in the pathogenesis of this disease and/or its consistently associated immunodeficiency. The protein has N- and C-terminal carbohydrate-binding domains connected by a link peptide. Two isoforms (long and short) exist. Synonyms: Ecalectin, Galectin9, HOM-HD-21, LGALS9
Gene ID:	3965
NCBI Accession:	NP_002299

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

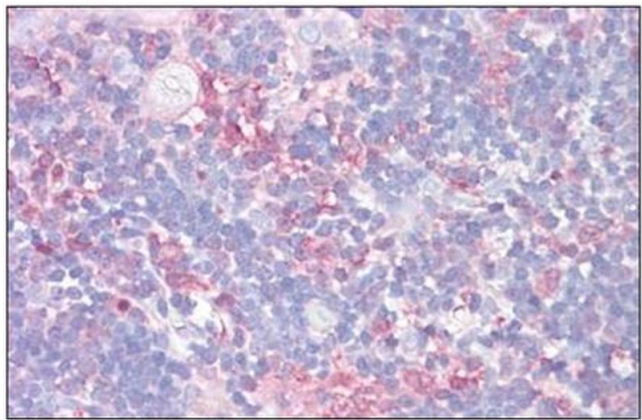
Handling

Concentration:	1.0 mg/mL
Buffer:	PBS (without Mg ²⁺ , Ca ²⁺), pH 7.4, 150 mM Sodium Chloride, 0.02 % Sodium Azide and 50 % Glycerol
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



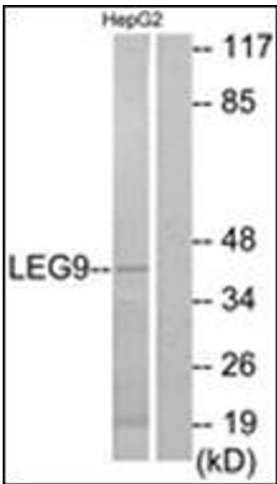
Immunofluorescence

Image 1. Immunofluorescence analysis of NIH-3T3 cells, using LEG9 Antibody. The picture on the right is treated with the synthesized peptide.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Thymus: Formalin-Fixed, Paraffin-Embedded (FFPE)



Western Blotting

Image 3. Western blot analysis of extracts from HepG2 cells, using LEG9 Antibody. The lane on the right is treated with the synthesized peptide.