

Datasheet for ABIN2785903
anti-Galectin 9 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	Galectin 9 (LGALS9)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Rabbit, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Galectin 9 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human LGALS9
Sequence:	YPHPAYPMPF ITTILGGLYP SKSILLSGTV LPSAQRFHIN LCSGNHIAFH
Predicted Reactivity:	Cow: 93%, Dog: 86%, Horse: 86%, Human: 100%, Mouse: 83%, Pig: 86%, Rabbit: 79%, Rat: 83%
Characteristics:	This is a rabbit polyclonal antibody against LGALS9. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Galectin 9 (LGALS9)
Alternative Name:	LGALS9 (LGALS9 Products)

Target Details

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. It is overexpressed in Hodgkin's disease tissue and 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 associated immunodeficiency. The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. The protein encoded by this gene 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. Multiple alternatively spliced transcript variants have been found for this gene. Alias Symbols: ECALECTIN, HUAT, MGC117375, MGC125973, MGC125974, galectin-9, LGALS9A Protein Interaction Partner: SLC1A5, JUP, CTNNB1, Protein Size: 355
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Molecular Weight:	39 kDa
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Gene ID:	3965
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NCBI Accession:	NM_009587 , NP_033665
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UniProt:	O00182
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 355 AA
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	Lot specific
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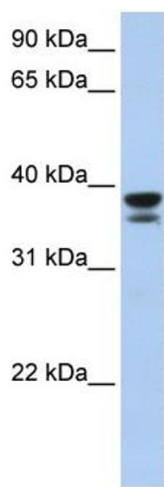
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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Handling

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 freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-LGALS9 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human Muscle