

## Product datasheet for **TA334422**

### galectin 9 (LGALS9) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-LGALS9 antibody: synthetic peptide directed towards the middle region of human LGALS9. Synthetic peptide located within the following region: YPHPAYPMPFITLILGGLYPSKSILLSGTVLPSAQRFHINLCSGNHIAFH
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	39 kDa
Gene Name:	galectin 9
Database Link:	<a href="#">NP_033665</a> <a href="#">Entrez Gene 3965 Human</a> <a href="#">O00182</a>



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**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.

**Synonyms:**

HUAT; LGALS9A

**Note:**

Immunogen Sequence Homology: Human: 100%; Bovine: 93%; Dog: 86%; Pig: 86%; Horse: 86%; Rat: 83%; Mouse: 83%; Rabbit: 79%

**Product images:**

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