

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:

YPHPAYPMPFITTILGGLYPSKSILLSGTVLPSAQRFHINLCSGNHIAFH

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Purification: Affinity Purified

Conjugation: Unconjugated

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: NP 033665

Entrez Gene 3965 Human

O00182



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Background:

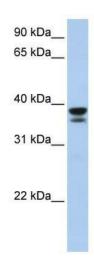
The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. LGALS9 is an S-type lectin. It is overexpressed in Hodgkin's disease tissue and might participate in the interaction between the H&RS cells with their surrounding cells and 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