

Datasheet for ABIN733163
anti-Galectin 9 antibody (AA 51-150)

3 Images

1 Publication

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Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | Galectin 9 (LGALS9) |
| Binding Specificity: | AA 51-150 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Galectin 9 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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|-----------------------|--|
| Immunogen: | KLH conjugated synthetic peptide derived from mouse Galectin |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse |
| Predicted Reactivity: | Rat,Cow,Pig |
| Purification: | Purified by Protein A. |

Target Details

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

Target Details

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|-------------|---|
| Background: | <p>Synonyms: Ecalectin, galectin9, HOM HD 21, HOMHD21, HUAT, Lectin galactoside binding soluble 9, LGAL S9, LGALS 9, LGALS9, LGALS9A, MGC117375, MGC125973, MGC125974 , Urate transporter/channel protein, Galectin-9, Gal-9.</p> <p>Background: The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. Galectin 9 is an S-type lectin and an eosinophil chemoattractant (ECA) produced by antigen-activated T cells. Galectin 9 is involved in apoptosis, is thought to be a prognostic factor for breast cancer and is also overexpressed in Hodgkin's disease tissue. 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.</p> |
| Gene ID: | 3965 |

Application Details

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|--------------------|---|
| Application Notes: | WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IF(IHC-F) 1:50-200 |
| Restrictions: | For Research Use only |

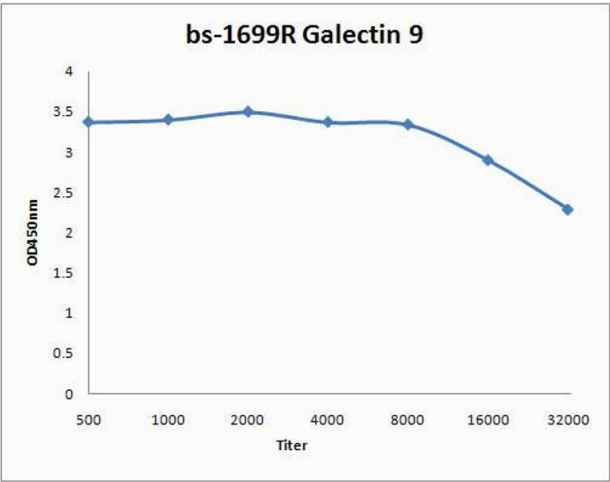
Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Expiry Date: | 12 months |

Publications

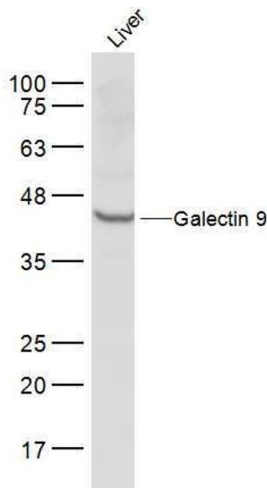
Product cited in: Daley, Mani, Mohan, Akkad, Ochi, Heindel, Lee, Zambirinis, Pandian, Savadkar, Torres-Hernandez, Nayak, Wang, Hundeyin, Diskin, Aykut, Werba, Barilla, Rodriguez, Chang, Gardner, Mahal, Ueberheide et al.: "Dectin 1 activation on macrophages by galectin 9 promotes pancreatic carcinoma and peritumoral immune tolerance. ..." in: **Nature medicine**, Vol. 23, Issue 5, pp. 556-567, (2017) ([PubMed](#)).

Images



ELISA

Image 1. Antigen: 0.2 µg/100 µL Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000; Secondary: HRP conjugated Goat-Anti-Rabbit IgG at 1: 5000; TMB staining; Read the data in MicroplateReader by 450



Western Blotting

Image 2. Mouse liver lysates probed with Galectin 9 Polyclonal Antibody, Unconjugated at 1:500 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37°C.

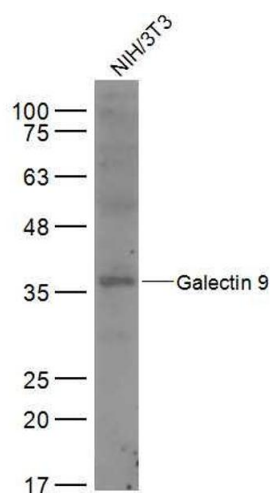


Image 3. NIH/3T3 lysates probed with Galectin 9 Polyclonal Antibody, Unconjugated at 1:500 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37°C.