

Datasheet: VMA00212

**BATCH NUMBER 153634**

|                      |                        |
|----------------------|------------------------|
| <b>Description:</b>  | MOUSE ANTI GALECTIN-9  |
| <b>Specificity:</b>  | GALECTIN-9             |
| <b>Format:</b>       | Purified               |
| <b>Product Type:</b> | PrecisionAb Monoclonal |
| <b>Clone:</b>        | OTI1G3                 |
| <b>Isotype:</b>      | IgG2a                  |
| <b>Quantity:</b>     | 100 µl                 |

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

|                  | Yes | No | Not Determined | Suggested Dilution |
|------------------|-----|----|----------------|--------------------|
| Western Blotting | ▪   |    |                | 1/1000             |

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range.** Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

### Target Species

Human

### Species Cross Reactivity

Reacts with: Mouse

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

Purified IgG - liquid

### Preparation

Mouse monoclonal antibody purified by affinity chromatography from tissue culture supernatant

### Buffer Solution

Phosphate buffered saline.

### Preservative

0.09% Sodium Azide (NaN<sub>3</sub>)

|                                       |   |
|---------------------------------------|---|
| <b>Stabilisers</b>                    | 1% Bovine Serum Albumin<br>25% Glycerol   |
| <b>Approx. Protein Concentrations</b> | IgG concentration 0.5 mg/ml   |
| <b>Immunogen</b>                      | Full length human recombinant human galectin-9 (NP_002299) produced in HEK293T cells  |
| <b>External Database Links</b>        | <p><b>UniProt:</b><br/> <a href="#">O00182</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b><br/> <a href="#">3965</a>    LGALS9    <a href="#">Related reagents</a></p>   |
| <b>Specificity</b>                    | <p><b>Mouse anti Human galectin-9 antibody</b> recognizes galectin-9, also known as ecalectin, gal-9, galectin 9, tumor antigen HOM-HD-21 and urate transporter/channel protein.</p> <p>The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. The protein encoded by the LGALS9 gene is an S-type lectin. It is overexpressed in Hodgkin's disease tissue and might participate in the interaction between the H&amp;RS cells with their surrounding cells and might thus play a role in the pathogenesis of this disease and/or its associated immunodeficiency. Multiple alternatively spliced transcript variants have been found for LGALS9 (provided by RefSeq, Jul 2008).</p> <p>Mouse anti Human galectin-9 antibody detects a band of 40 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p> |
| <b>Western Blotting</b>               | Anti galectin-9 detects a band of approximately 40 kDa in Jurkat cell lysates.  |
| <b>Storage</b>                        | Store undiluted at -20°C, avoiding repeated freeze thaw cycles.   |
| <b>Guarantee</b>                      | 12 months from date of despatch.  |
| <b>Acknowledgements</b>               | PrecisionAb is a trademark of Bio-Rad Laboratories.   |
| <b>Health And Safety Information</b>  | Material Safety Datasheet documentation #10048 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VMA00212">https://www.bio-rad-antibodies.com/SDS/VMA00212</a><br>Antibody (10048)  |
| <b>Regulatory</b>                     | For research purposes only.   |

## Related Products

### Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

**North & South** Tel: +1 800 265 7376

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**Europe** Tel: +49 (0) 89 8090 95 21

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batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

'M412713:221115'

**Printed on 19 Jan 2024**

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