

## Datasheet: VMA00212

<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
Immunofluorescence	▪			

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Learn about [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.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	<p>Reacts with: Mouse</p> <p><b>N.B.</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.</p>
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Mouse monoclonal antibody purified by affinity chromatography from tissue culture supernatant
<b>Buffer Solution</b>	Phosphate buffered saline.
<b>Preservative</b>	0.09% Sodium Azide (NaN <sub>3</sub> )

<b>Stabilisers</b>	1% Bovine Serum Albumin 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>  <a href="#">O00182</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <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>	This product is shipped at ambient temperature. 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>
<b>Regulatory</b>	For research purposes only.

## Related Products

### Recommended Secondary Antibodies

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

## Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://www.bio-rad-antibodies.com/technical-support)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](http://bio-rad-antibodies.com/datasheets)  
'M443338:250709'

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