

## Datasheet: VMA00292

<b>Description:</b>	MOUSE ANTI GALECTIN-3 BINDING PROTEIN
<b>Specificity:</b>	GALECTIN-3 BINDING PROTEIN
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Clone:</b>	OTI2B1
<b>Isotype:</b>	IgG1
<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. 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>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 Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ) 1% Bovine Serum Albumin 50% Glycerol
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml.
<b>Immunogen</b>	Recombinant protein corresponding to amino acids 19-300 of human galectin-3-binding

protein (NP\_005558) produced in *E. coli*

---

**External Database****Links****UniProt:**[Q08380](#)[Related reagents](#)**Entrez Gene:**[3959](#)

LGALS3BP

[Related reagents](#)

---

**Synonyms**

M2BP

---

**Specificity**

**Mouse anti Human galectin-3-binding protein antibody, clone OTI2B1** recognizes the galectin-3-binding protein, also known as L3 antigen, MAC2BP, Mac-2-binding protein, basement membrane autoantigen p105, lectin galactoside-binding soluble 3-binding protein, mac-2 BP, serum protein 90K, transport and golgi organization 10 homolog B, and tumor-associated antigen 90K.

The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. Galectin-3-binding protein has been found elevated in the serum of patients with cancer and in those infected by the human immunodeficiency virus (HIV). It appears to be implicated in immune response associated with natural killer (NK) and lymphokine-activated killer (LAK) cell cytotoxicity. Using fluorescence in situ hybridization the full length 90K cDNA has been localized to chromosome 17q25. The native protein binds specifically to a human macrophage-associated lectin known as Mac-2 and also binds galectin-1 (provided by RefSeq, Jul 2008).

Mouse anti Human galectin-3-binding protein antibody, clone OTI2B1 detects a band of 75 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

---

**Western Blotting**

Anti galectin-3 binding protein detects a band of approximately 75 kDa in A431 cell lysates.

---

**Storage**

This product is shipped at ambient temperature.  
Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

---

**Guarantee**

12 months from date of despatch.

---

**Acknowledgements**

PrecisionAb is a trademark of Bio-Rad Laboratories.

---

**Health And Safety Information**

Material Safety Datasheet documentation #10048 available at:  
<https://www.bio-rad-antibodies.com/SDS/VMA00292>

---

**Regulatory**

For research purposes only.

---

## Related Products

### Recommended Secondary Antibodies

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

## **Recommended Negative Controls**

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

**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)

'M443406:250709'

**Printed on 09 Jul 2025**

---

© 2025 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)