

Datasheet: VMA00292

Description:	MOUSE ANTI GALECTIN-3 BINDING PROTEIN
Specificity:	GALECTIN-3 BINDING PROTEIN
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI2B1
Isotype:	IgG1
Quantity:	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.

	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
Product Form	Purified IgG - liquid
Preparation	Mouse monoclonal antibody purified by affinity chromatography from tissue culture supernatant.
Buffer Solution	Phosphate buffered saline.
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin 50% Glycerol
Immunogen	Recombinant protein corresponding to amino acids 19-300 of human galectin-3-binding protein (NP_005558) produced in <i>E. coli</i>
External Database	UniProt:

Links[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

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:
Antibody (10048): <https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf>

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 \(MCA928\)](#)

North & South Tel: +1 800 265 7376

Worldwide

Tel: +44 (0)1865 852 700

Europe

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

'M397980:220621'

Printed on 21 Jun 2022

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