

Datasheet: VMA00003

Description:	MOUSE ANTI BETA 2 MICROGLOBULIN
Specificity:	BETA 2 MICROGLOBULIN
Format:	Purified
Product Type:	PrecisionAb Monoclonal
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 on Protein A from ascites
Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide (NaN ₃)
Stabilisers	5% Glycerol
Immunogen	Highly pure human beta 2 microglobulin from urine

External Database Links

UniProt:

[P61769](#)

[Related reagents](#)

Entrez Gene:

[567](#)

B2M

[Related reagents](#)

Specificity	Mouse anti Human beta 2 microglobulin antibody recognizes native human beta 2 microglobulin, a 119 amino acid component of MHC class I molecules present on all nucleated cells, containing a single Ig-like C1 type domain. Levels of beta 2 microglobulin can be used to assess renal function in kidney transplant recipients (Woo et al. 2014). Also known as B2M, it has been suggested that this protein can be used as a prognostic marker for HIV infection (Halota et al. 2002).
	Mouse anti Human beta 2 microglobulin antibody recognizes β 2 microglobulin as a band of ~12 kDa in HeLa cell lysates.
Western Blotting	Anti beta 2 microglobulin antibody detects a band of approximately 12 kDa in HeLa 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 #10049 available at: Antibody (10049): https://www.bio-rad-antibodies.com/uploads/MSDS/10049.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

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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