

Datasheet: VMA00377

Description:	MOUSE ANTI GATA3
Specificity:	GATA3
Format:	Purified
Product Type:	PrecisionAb™ Monoclonal
Clone:	OT18H4
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

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. 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 dependant 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	0.09% Sodium Azide (NaN ₃)
Stabilisers	1% Bovine Serum Albumin 50% Glycerol
Immunogen	Recombinant protein fragment corresponding to aa 155-443 of human GATA3 (NP_002042) produced in <i>E.coli</i>
External Database Links	UniProt: P23771 Related reagents Entrez Gene: 2625 GATA3 Related reagents
Specificity	Mouse anti Human GATA3 antibody recognizes the transcription factor GATA-3, also known as

GATA-binding factor 3 and trans-acting T-cell-specific transcription factor GATA-3.

The GATA3 gene encodes a protein which belongs to the GATA family of transcription factors. The protein contains two GATA-type zinc fingers and is an important regulator of T-cell development and plays an important role in endothelial cell biology. Defects in GATA3 are the cause of hypoparathyroidism with sensorineural deafness and renal dysplasia (provided by RefSeq, Nov 2009).

Mouse anti Human GATA3 antibody detects a band of 48 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting	Anti GATA3 detects a band of approximately 48 kDa in Jurkat cell lysates
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Shelf Life	As supplied, 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 \(MCA928\)](#)

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