

Datasheet: VMA00184

Description:	MOUSE ANTI TCF12
Specificity:	TCF12
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI4D6
Isotype:	IgG2b
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 ascites.
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 1-250 of human TCF12 (NP_996919) produced in <i>E. coli</i>
External Database	UniProt:

Links

[Q99081](#) [Related reagents](#)

Entrez Gene:

[6938](#) TCF12 [Related reagents](#)

Synonyms BHLHB20, HEB, HTF4

Specificity **Mouse anti Human TCF12 antibody, clone OTI4D6** recognizes TCF12, also known as DNA-binding protein HTF4, E-box-binding protein, class B basic helix-loop-helix protein 20, helix-loop-helix transcription factor 4 and transcription factor HTF-4.

The protein encoded by the TCF12 gene is a member of the basic helix-loop-helix (bHLH) E-protein family that recognizes the consensus binding site (E-box) CANNTG. This encoded protein is expressed in many tissues, among them skeletal muscle, thymus, B- and T-cells, and may participate in regulating lineage-specific gene expression through the formation of heterodimers with other bHLH E-proteins. Several alternatively spliced transcript variants of TCF12 have been described, but the full-length nature of some of these variants has not been determined (provided by RefSeq, Jul 2008).

Mouse anti Human TCF12 antibody, clone OTI4D6 detects a band of 85 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti TCF12 detects a band of approximately 85 kDa in Jurkat 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 IgG2b NEGATIVE CONTROL \(MCA691\)](#)

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

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