

Datasheet: VMA00631

BATCH NUMBER 170517

Description:	MOUSE ANTI TCF4
Specificity:	TCF4
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	AB01/4A12-6-6
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
Species Cross Reactivity	<p>Reacts with: Mouse</p> <p>N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
Product Form	Purified IgG - liquid
Preparation	Mouse monoclonal antibody purified by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline

Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	<i>E. coli</i> -derived recombinant human TCF4 (aa 1-365)
External Database Links	<p>UniProt: P15884 Related reagents</p> <p>Entrez Gene: 6925 TCF4 Related reagents</p>
Synonyms	BHLHB19, ITF2, SEF2
Specificity	<p>Mouse anti Human TCF4 antibody recognizes TCF4, also known as transcription factor 4, SL3-3 enhancer factor 2, class B basic helix-loop-helix protein 19 or immunoglobulin transcription factor 2.</p> <p>TCF4 encodes transcription factor 4, a basic helix-loop-helix transcription factor. The encoded protein recognizes an Ephrussi-box ('E-box') binding site ('CANNTG') - a motif first identified in immunoglobulin enhancers. TCF4 is broadly expressed, and may play an important role in nervous system development. Defects in TCF4 are a cause of Pitt-Hopkins syndrome. Multiple alternatively spliced transcript variants that encode different proteins have been described (provided by RefSeq, Aug 2011).</p> <p>Mouse anti Human TCF4 antibody detects a band of 55 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Mouse anti TCF4 antibody detects a band of approximately 55 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 #10040 available at: https://www.bio-rad-antibodies.com/SDS/VMA00631 Antibody (10040)
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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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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