

Datasheet: VMA00187

Description:	MOUSE ANTI IRF6
Specificity:	IRF6
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI2C10
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 ascites.
Buffer Solution	Phosphate buffered saline.
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin 50% Glycerol
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml.
Immunogen	Full length recombinant human IRF6 (NP_006138) produced in HEK293T cells

**External Database
Links**

UniProt:

[O14896](#) [Related reagents](#)

Entrez Gene:

[3664](#) IRF6 [Related reagents](#)

Specificity

Mouse anti Human IRF6 antibody, clone OTI2C10 recognizes interferon regulatory factor 6 (IRF6).

Encoded by the IRF6 gene, interferon regulatory factor 6 is member of the interferon regulatory transcription factor (IRF) family. Family members share a highly-conserved N-terminal helix-turn-helix DNA-binding domain and a less conserved C-terminal protein-binding domain. IRF6 may be a transcriptional activator. Mutations in the IRF6 gene can cause van der Woude syndrome and popliteal pterygium syndrome. Mutations in IRF6 are also associated with non-syndromic orofacial cleft type 6. Alternate splicing results in multiple transcript variants (provided by RefSeq, May 2011).

Mouse anti Human IRF6 antibody, clone OTI2C10 detects a band of 58 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti IRF6 detects a band of approximately 58 kDa in HEK293 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 \(MCA928\)](#)

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