

Datasheet: VMA00182

Description:	MOUSE ANTI ILF2
Specificity:	ILF2
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI6F1
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 protein expressed in 293T cell transfected with human ILF2 expression vector

**External Database
Links**

UniProt:

[Q12905](#) [Related reagents](#)

Entrez Gene:

[3608](#) ILF2 [Related reagents](#)

Synonyms

NF45

Specificity

Mouse anti Human ILF2 antibody, clone OTI6F1 recognizes ILF2, also known as interleukin enhancer binding factor 2 and nuclear factor of activated T-cells, 45-kDa.

The protein encoded by the ILF2 gene is the 45 kDa component of nuclear factor of activated T-cells (NFAT), a heterodimer of 45 kDa and 90 kDa proteins. NFAT is a transcription factor required for T-cell expression of the interleukin 2 gene. It also binds RNA and is an essential component for encapsidation and protein priming of hepatitis B viral polymerase. The complex has been shown to repair DNA breaks by nonhomologous end joining and can also negatively regulate the microRNA processing pathway. Alternative splicing results in multiple transcript variants. Related pseudogenes have been found on chromosomes 3 and 14 (provided by RefSeq, Jun 2012).

Mouse anti Human ILF2 antibody, clone OTI6F1 detects a band of 45 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti ILF2 detects a band of approximately 45 kDa in MOLT-4 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:
<https://www.bio-rad-antibodies.com/SDS/VMA00182>
Antibody (10048)

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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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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