

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

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 ascites.
Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide (NaN ₃)
Stabilisers	1% Bovine Serum Albumin 50% Glycerol
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** 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 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.

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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