

Datasheet: VMA00888

Description:	MOUSE ANTI FLII
Specificity:	FLII
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	AB01/1C12
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
Immunoprecipitation	▪			
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 affinity purified on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	<i>E. coli</i> -derived recombinant protein of amino acids 801-1269 of human FLII

**External Database
Links**

UniProt:

[Q13045](#) [Related reagents](#)

Entrez Gene:

[2314](#) FLII [Related reagents](#)

Synonyms

FLIL

Fusion Partners

Spleen cells from immunised BALB/c mice were fused with cells of the mouse SP2/0 myeloma cell line

Specificity

Mouse anti FLII antibody recognizes protein flightless-1 homolog, also known as FLIL.

FLII is a member of the actin-remodelling gelsolin protein superfamily. The protein plays a role in cell migration, co-localizing with small GTPases in actin-rich structures at the leading edge of motile cells, and interacting directly with Ras ([Marei et al. 2016](#)). FLII is involved with skin development, formation of tight junctions, and skin recovery after injury. Overexpression of FLII appears to contribute to inflammatory skin conditions, such as psoriasisiform dermatitis and atopic dermatitis, and inhibition of FLII has been suggested as a potential therapy ([Kopecki et al. 2018](#)). FLII interacts with a variety of proteins involved with cell signaling, and appears to regulate activity of multiple transcription factors. It acts as a tumor suppressor in prostate cancer ([Wang et al. 2016](#)), promotes progression of breast cancer by impeding selective autophagy ([He et al. 2018](#)), and is implicated in colorectal cancer, hepatocellular carcinoma, and lung cancer ([Wang et al. 2017](#)).

Western Blotting

Mouse anti FLII antibody detects a band of approximately 148 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 #10040 available at:
<https://www.bio-rad-antibodies.com/SDS/VMA00888>
Antibody (10040)

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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