

Datasheet: VMA00557

Description:	MOUSE ANTI FSCN1
Specificity:	FSCN1
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	CPTC29
Isotype:	IgG2a
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 on Protein G from tissue culture supernatant.
Buffer Solution	Phosphate buffered saline.
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃).
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml.
Immunogen	Recombinant protein of human FSCN1

**External Database
Links**

UniProt:

[Q16658](#) [Related reagents](#)

Entrez Gene:

[6624](#) FSCN1 [Related reagents](#)

Synonyms

FAN1, HSN, SNL

Specificity

Mouse anti Human FSCN1 antibody recognizes Fascin, also known as 55 kDa actin-bundling protein, fascin homolog 1, actin-bundling protein, singed-like (fascin homolog, sea urchin).

The FSCN1 gene encodes a member of the fascin family of actin-binding proteins. Fascin proteins organize F-actin into parallel bundles, and are required for the formation of actin-based cellular protrusions. The encoded protein plays a critical role in cell migration, motility, adhesion and cellular interactions. Expression of FSCN1 is known to be regulated by several microRNAs, and overexpression of FSCN1 may play a role in the metastasis of multiple types of cancer by increasing cell motility. Expression of FSCN1 is also a marker for Reed-Sternberg cells in Hodgkin's lymphoma. A pseudogene of FSCN1 is located on the long arm of chromosome 15 (provided by RefSeq, Sep 2011).

Mouse anti Human FSCN1 antibody detects a band of 55 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti FSCN1 detects a band of approximately 55 kDa in K562 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/VMA00557>
Antibody (10040)

Regulatory

For research purposes only.

Related Products

Recommended Secondary Antibodies

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

Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

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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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