

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	<p>UniProt:</p> <p>Q16658 Related reagents</p> <p>Entrez Gene:</p>

Synonyms	FAN1, HSN, SNL
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Specificity	<p>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).</p> <p>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).</p> <p>Mouse anti Human FSCN1 antibody detects a band of 55 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
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Western Blotting	Anti FSCN1 detects a band of approximately 55 kDa in K562 cell lysates
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Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
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Guarantee	12 months from date of despatch
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Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories.
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Health And Safety Information	Material Safety Datasheet documentation #10040 available at: Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

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

Recommended Negative Controls

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

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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