

Datasheet: VMA00139

BATCH NUMBER 240615

Description:	MOUSE ANTI SAMHD1
Specificity:	SAMHD1
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI1F6
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	0.09% Sodium Azide (NaN ₃)
Stabilisers	1% Bovine Serum Albumin 50% Glycerol
Immunogen	Full length recombinant human SAMHD1 (NP_056289) produced in HEK293T cells

**External Database
Links**

UniProt:

[Q9Y3Z3](#) [Related reagents](#)

Entrez Gene:

[25939](#) SAMHD1 [Related reagents](#)

Synonyms

MOP5

Specificity

Mouse anti Human SAMHD1 antibody, clone OT1F6 recognizes the deoxynucleoside triphosphate triphosphohydrolase SAMHD1, also known as SAM domain and HD domain-containing protein 1, dNTPase, dendritic cell-derived IFNG-induced protein, deoxynucleoside triphosphate triphosphohydrolase SAMHD1 and monocyte protein 5.

SAMHD1 may play a role in regulation of the innate immune response. The encoded protein is upregulated in response to viral infection and may be involved in mediation of tumor necrosis factor-alpha proinflammatory responses. Mutations in the SAMHD1 gene have been associated with Aicardi-Goutieres syndrome (provided by RefSeq, Mar 2010).

Mouse anti Human SAMHD1 antibody detects a band of 72 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti SAMHD1 detects a band of approximately 72 kDa in Raji 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/VMA00139>
Antibody (10048)

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

**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

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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