

Datasheet: VMA00139

Description:	MOUSE ANTI SAMHD1
Specificity:	SAMHD1
Format:	Purified
Product Type:	PrecisionAb™ Monoclonal
Clone:	OT11F6
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 Stabilisers	0.09% Sodium Azide (NaN ₃) 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** 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.
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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