

Datasheet: VMA00456

Description:	MOUSE ANTI TMEM173
Specificity:	TMEM173
Format:	Purified
Product Type:	PrecisionAb™ Monoclonal
Clone:	4H1
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

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	Purified IgG prepared by affinity chromatography on Protein G 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 protein of human TMEM173 produced in HEK293T
External Database Links	UniProt: Q86WV6 Related reagents Entrez Gene: 340061 TMEM173 Related reagents
Synonyms	ERIS, MITA, STING

Specificity **Mouse anti Human TMEM173 antibody** recognizes TMEM173, also known as N-terminal methionine-proline-tyrosine-serine plasma membrane tetraspanner, endoplasmic reticulum interferon stimulator, mitochondrial mediator of IRF3 activation or STING. Mutations in the TMEM173 gene have been associated with the development of STING-associated vasculopathy with onset in infancy ([SAVI](#)) an autoinflammatory vasculopathy characterized by early onset inflammation leading to severe skin associated lesions.

Mouse anti Human TMEM173 antibody detects a band of 37 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti TMEM173 detects a band of approximately 37 kDa in THP-1 cell lysate

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.

Guarantee 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 IgG2a NEGATIVE CONTROL \(MCA929\)](#)

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