

Datasheet: VMA00456

Description:	MOUSE ANTI TMEM173
Specificity:	TMEM173
Other names:	STING
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI4H1
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	Purified IgG prepared by affinity chromatography on Protein G from ascites
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin 50% Glycerol
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml

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, clone OTI4H1 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, clone OTI4H1 detects a band of 37 kDa.

Western Blotting

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

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:
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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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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