

Datasheet: VMA00456

BATCH NUMBER 171923

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. Learn about [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 tissue culture supernatant
Buffer Solution	Phosphate buffered saline.
Preservative	0.09% Sodium Azide (NaN ₃)
Stabilisers	1% Bovine Serum Albumin 25% Glycerol
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml.

Immunogen	Full length recombinant protein of human TMEM173 produced in HEK293T
External Database Links	<p>UniProt: Q86WV6 Related reagents</p> <p>Entrez Gene: 340061 TMEM173 Related reagents</p>
Synonyms	ERIS, MITA, STING
Specificity	<p>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.</p> <p>Mouse anti Human TMEM173 antibody, clone OTI4H1 detects a band of 37 kDa.</p>
Western Blotting	Anti TMEM173 detects a band of approximately 37 kDa in THP-1 cell lysate.
Storage	This product is shipped at ambient temperature. 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/VMA00456
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 \(MCA929\)](#)

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M446076:251014'

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