

Datasheet: VMA00456

**BATCH NUMBER 160801**

<b>Description:</b>	MOUSE ANTI TMEM173
<b>Specificity:</b>	TMEM173
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Clone:</b>	OTI4H1
<b>Isotype:</b>	IgG2a
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein G from ascites
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ) 1% Bovine Serum Albumin 50% Glycerol
<b>Approx. Protein Concentrations</b>	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** 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

**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/VMA00456>  
Antibody (10048)

**Regulatory**

For research purposes only

## Related Products

### Recommended Secondary Antibodies

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

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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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