

## Datasheet: VMA00112

<b>Description:</b>	MOUSE ANTI SSB
<b>Specificity:</b>	SSB
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Clone:</b>	OTI1E11
<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>	Mouse monoclonal antibody purified by affinity chromatography 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 0.56 mg/ml.
<b>Immunogen</b>	Full-length protein expressed in 293T cell transfected with human SSB expression vector

**External Database  
Links**

**UniProt:**

[P05455](#)

[Related reagents](#)

**Entrez Gene:**

[6741](#)

SSB

[Related reagents](#)

**Specificity**

**Mouse anti Human SSB antibody, clone OT1E11** recognizes SSB, also known as La ribonucleoprotein domain family, member 3, SS-B/La protein, autoantigen La, la autoantigen, lupus La antigen, lupus La protein or sjogren syndrome type B antigen.

The protein encoded by the SSB gene is involved in diverse aspects of RNA metabolism, including binding and protecting poly(U) termini of nascent RNA polymerase III transcripts from exonuclease digestion, processing 5' and 3' ends of pre-tRNA precursors, acting as an RNA chaperone, and binding viral RNAs associated with hepatitis C virus.

Autoantibodies reacting with this protein are found in the sera of patients with Sjogren syndrome and systemic lupus erythematosus (provided by RefSeq, Nov 2011).

Mouse anti Human SSB antibody detects a band of 50 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

**Western Blotting**

Anti SSB detects a band of approximately 50 kDa in HEK293 cell lysates.

**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/VMA00112>  
Antibody (10048)

**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 \(MCA929\)](#)

**North & South  
America**

Tel: +1 800 265 7376

Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

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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