

Datasheet: VMA00261

**BATCH NUMBER 151112**

<b>Description:</b>	MOUSE ANTI hnRNP L
<b>Specificity:</b>	hnRNP L
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Clone:</b>	OTI9G7
<b>Isotype:</b>	IgG1
<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.

### Target Species

Human

### Species Cross Reactivity

Reacts with: Mouse, Rat

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

Purified IgG - liquid

### Preparation

Mouse monoclonal antibody purified by affinity chromatography from ascites

### Buffer Solution

Phosphate buffered saline

### Preservative

0.09% Sodium Azide (NaN<sub>3</sub>)

<b>Stabilisers</b>	1% Bovine Serum Albumin 50% Glycerol
<b>Immunogen</b>	Recombinant protein corresponding to amino acids 270-502 of human hnRNP L (NP_001524) produced in <i>E. coli</i>
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P14866</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">3191</a>    HNRNPL    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	HNRPL
<b>Specificity</b>	<p><b>Mouse anti Human hnRNP L antibody, clone OTI9G7</b> recognizes the heterogeneous nuclear ribonucleoprotein L (hnRNP L).</p> <p>Heterogeneous nuclear RNAs (hnRNAs) which include mRNA precursors and mature mRNAs are associated with specific proteins to form heterogenous ribonucleoprotein (hnRNP) complexes. Heterogeneous nuclear ribonucleoprotein L is among the proteins that are stably associated with hnRNP complexes and along with other hnRNP proteins is likely to play a major role in the formation, packaging, processing, and function of mRNA. This protein is present in the nucleoplasm as part of the hnRNP complex but hnRNP proteins have also been identified outside of the nucleoplasm. Exchange of hnRNP for mRNA-binding proteins accompanies transport of mRNA from the nucleus to the cytoplasm. Since hnRNP proteins have been shown to shuttle between the nucleus and the cytoplasm, it is possible that they also have cytoplasmic functions. Two transcript variants encoding different isoforms have been found for HNRNPL (provided by RefSeq, Jul 2008).</p> <p>Mouse anti Human hnRNP L antibody, clone OTI9G7 detects a band of 64 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
<b>Western Blotting</b>	Anti hnRNP L detects a band of approximately 64 kDa in K562 cell lysates
<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
<b>Guarantee</b>	12 months from date of despatch
<b>Acknowledgements</b>	PrecisionAb is a trademark of Bio-Rad Laboratories.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10048 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VMA00261">https://www.bio-rad-antibodies.com/SDS/VMA00261</a> Antibody (10048)
<b>Regulatory</b>	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://bio-rad-antibodies.com/datasheets)

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