

## Datasheet: VMA00113

<b>Description:</b>	MOUSE ANTI hnRNP F
<b>Specificity:</b>	hnRNP F
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Clone:</b>	OTI5F5
<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.

### 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 Stabilisers

0.09% Sodium Azide (NaN<sub>3</sub>)  
1% Bovine Serum Albumin  
50% Glycerol

<b>Approx. Protein Concentrations</b>	IgG concentration 0.52 mg/ml.
<b>Immunogen</b>	Full length recombinant human hnRNP F (NP_004957) produced in HEK293T cells
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P52597</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">3185</a>    HNRNPF    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	HNRPF
<b>Specificity</b>	<p><b>Mouse anti Human hnRNP F antibody, clone OTI5F5</b> recognizes heterogeneous nuclear ribonucleoprotein F (hnRNP F), also known as nucleolin-like protein mcs94-1.</p> <p>HnRNP F belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins that complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and regulate alternative splicing, polyadenylation, and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. Heterogeneous nuclear ribonucleoprotein F has three repeats of quasi-RRM domains that bind to RNAs which have guanosine-rich sequences. This protein is very similar to the family member hnRPH. Multiple alternatively spliced variants, encoding the same protein, have been identified (provided by RefSeq, Jul 2008).</p> <p>Mouse anti Human hnRNP F antibody detects a band of 46 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
<b>Western Blotting</b>	Anti hnRNP F detects a band of approximately 46 kDa in Jurkat 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: Antibody (10048): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf</a>
<b>Regulatory</b>	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://bio-rad-antibodies.com/datasheets)

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