

Datasheet: VMA00260

**BATCH NUMBER 171700**

<b>Description:</b>	MOUSE ANTI hnRNP M
<b>Specificity:</b>	hnRNP M
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Clone:</b>	OTI3F3
<b>Isotype:</b>	IgG2b
<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
Immunoprecipitation	▪			
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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Mouse monoclonal antibody purified by affinity chromatography from tissue culture supernatant
<b>Buffer Solution</b>	Phosphate buffered saline.
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ) 1% Bovine Serum Albumin 25% Glycerol.
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml.

**Immunogen** Recombinant protein corresponding to amino acids 1-261 of human hnRNP M (NP\_112480) produced in *E. coli*

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**External Database Links**

**UniProt:**

[P52272](#)    [Related reagents](#)

**Entrez Gene:**

[4670](#)    HNRNPM    [Related reagents](#)

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**Synonyms** HNRPM, NAGR1

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**Specificity**

**Mouse anti Human hnRNP M antibody** recognizes heterogeneous nuclear ribonucleoprotein M (hnRNP M), also known as CEA receptor, N-acetylglucosamine receptor 1, heterogenous nuclear ribonucleoprotein M4 and hnRNA-binding protein M4.

Encoded by the HNRNPM gene, hnRNP M belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing 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 M has three repeats of quasi-RRM domains that bind to RNAs. This protein also constitutes a monomer of the N-acetylglucosamine-specific receptor which is postulated to trigger selective recycling of immature GlcNAc-bearing thyroglobulin molecules. Alternative splicing results in multiple transcript variants (provided by RefSeq, Aug 2011).

Mouse anti Human hnRNP M antibody detects a band of 77 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting** Anti hnRNP M detects a band of approximately 77 kDa in MOLT-4 cell lysates.

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**Storage** This product is shipped at ambient temperature.  
Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

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**Guarantee** 12 months from date of despatch.

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**Acknowledgements** PrecisionAb is a trademark of Bio-Rad Laboratories.

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**Health And Safety Information** Material Safety Datasheet documentation #10048 available at: <https://www.bio-rad-antibodies.com/SDS/VMA00260>

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**Regulatory** For research purposes only.

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## Related Products

## Recommended Secondary Antibodies

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

## Recommended Negative Controls

[MOUSE IgG2b NEGATIVE CONTROL \(MCA691\)](#)

**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://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](http://bio-rad-antibodies.com/datasheets)  
'M445880:250925'

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