Datasheet: VMA00260

Description:	MOUSE ANTI hnRNP M
Specificity:	hnRNP M
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI3F3
Isotype:	IgG2b
Quantity:	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.

	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

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_3)
1% Bovine Serum Albumin
50% Glycerol

Immunogen

Recombinant protein corresponding to amino acids 1-261 of human hnRNP M (NP_112480) produced in *E. coli*

External Database Links

UniProt:
P52272 Related reagents

Entrez Gene:
4670 HNRNPM Related reagents

Synonyms	HNRPM, NAGR1
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.
Western Blotting	Anti hnRNP M detects a band of approximately 77 kDa in MOLT-4 cell lysates
Storage	Store undiluted at -20^{o}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: Antibody (10048): https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

Recommended Negative Controls

MOUSE IgG2b NEGATIVE CONTROL (MCA691)

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