Datasheet: VMA00935

Description:	MOUSE ANTI EIF3H
Specificity:	EIF3H
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	AB04/3F5
Isotype:	IgG1
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
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. 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 affinity purified on Protein G from tissue culture supernatant

Buffer Solution

Phosphate buffered saline

Preservative

0.09% Sodium Azide

Stabilisers	
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	*E. coli*-derived recombinant protein of amino acids 1-352 of human EIF3H
External Database Links	**UniProt:** O15372 Related reagents **Entrez Gene:** 8667 EIF3H Related reagents
Synonyms	EIF3S3
Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cells of the mouse SP2/0 myeloma cell line
Specificity	**Mouse anti EIF3H antibody** recognizes eukaryotic translation initiation factor 3 subunit H, also known as EIF3S3. EIF3H is a subunit of the mammalian EIF3 complex, and contributes to mRNA recruitment and ribosomal complex disassembly. EIF3H was found to be involved with regulation of cell growth and viability, which led to the suggestion that it could provide a growth advantage to cancer cells (Savinainen et al. 2006). Accordingly, it has been identified as a known driver of cell proliferation and survival in cancer, overexpressed in prostate, breast, and liver cancer, and has been associated with poor prognosis (Cappuzzo et al. 2009). EIF3H knockdown can lead to apoptosis of colorectal cancer cells, leading to its suggestion as a potential biomarker (Yu et al. 2018).
Western Blotting	Mouse anti EIF3H detects a band of approximately 40 kDa in HeLa 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 #10040 available at: Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

Recommended Negative Controls

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: 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	**Europe**	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: 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

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