

Datasheet: VMA00120

Description:	MOUSE ANTI EIF4B
Specificity:	EIF4B
Format:	Purified
Product Type:	PrecisionAb™ Monoclonal
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

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. 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 dependant on sample type.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Mouse monoclonal antibody prepared by affinity chromatography on Protein G from ascites
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	Purified recombinant fragment of human EIF4B expressed in <i>E. coli</i>
External Database Links	UniProt: P23588 Related reagents Entrez Gene: 1975 EIF4B Related reagents

Specificity

Mouse anti Human EIF4B antibody recognizes EIF4B, also known as eukaryotic translation initiation factor 4B.

Eukaryotic translation initiation factor 4B is necessary for the binding of mRNA to ribosomes, promoting the ATPase activity and ATP-dependent RNA unwinding activity of the related proteins,

EIF4A and EIF4F.

Mouse anti Human EIF4B antibody detects a band of 80 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting	Anti EIF4B detects a band of approximately 80 kDa in K562 cell lysates.
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Shelf Life	As supplied, 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

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

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