

Datasheet: VMA00969

Description:	MOUSE ANTI RPL6
Specificity:	RPL6
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	AB01/1E12
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
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 Stabilisers

0.09% Sodium Azide

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	<i>E. coli</i> -derived recombinant protein of amino acids 1-340 of human RPL6
External Database Links	<p>UniProt: Q02878 Related reagents</p> <p>Entrez Gene: 6128 RPL6 Related reagents</p>
Synonyms	TXREB1
Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cells of the mouse SP2/0 myeloma cell line
Specificity	Mouse anti RPL6 antibody recognizes 60S ribosomal protein L6, also known as TXREB1. RPL6 is a ribosomal protein which interacts with histone H2A and is recruited to DNA damage sites under the control of PARP. Here, RPL6 participates in the DNA damage response (Yang et al. 2019). RPL6 has been found to be upregulated in multidrug-resistant cancer cells, and could protect gastric cancer from drug-mediated apoptosis. It has been suggested that down-regulation of RPL6 in gastric cancer treatment could suppress cell growth and cell cycle progression (Wu et al. 2011). RPL6 has also been found to promote proliferation and tumorigenesis of gallbladder cancer cells through interaction with NSUN2 (Gao et al. 2019).
Western Blotting	Mouse anti RPL6 detects a band of approximately 33 kDa in Jurkat 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: https://www.bio-rad-antibodies.com/SDS/VMA00969 Antibody (10040)
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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