

Datasheet: VMA00969

BATCH NUMBER 64579600

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

0.09% Sodium Azide

Stabilisers

Approx. Protein Concentrations IgG concentration 1.0 mg/ml

Immunogen *E. coli*-derived recombinant protein of amino acids 1-340 of human RPL6

External Database Links

UniProt:

[Q02878](#) [Related reagents](#)

Entrez Gene:

[6128](#) RPL6 [Related reagents](#)

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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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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