Datasheet: VMA00429

Description:	MOUSE ANTI RPL10
Specificity:	RPL10
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI6B11
Isotype:	IgG2a
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
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 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	Full length recombinant human RPL10 (NP_006004) produced in *E.coli*
External Database Links	**UniProt:** P27635 Related reagents **Entrez Gene:** 6134 RPL10 Related reagents
Synonyms	DXS648E, QM
Specificity	**Mouse anti Human RPL10 antibody, clone OTI6B11** recognizes RPL10, also known as Wilms tumor-related protein, laminin receptor homolog and tumor suppressor QM. Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of four RNA species and approximately 80 structurally distinct proteins. The RPL10 gene encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L10E family of ribosomal proteins. It is located in the cytoplasm. *In vitro.* the chicken protein can bind to c-Jun and can repress c-Jun-mediated transcriptional activation. Alternative splicing results in multiple transcript variants. RPL10 also uses multiple polyA signals, with the 3'-most polyA signal overlapping the deoxyribonuclease I-like 1 gene on the opposite strand. RPL10 is co-transcribed with the small nucleolar RNA gene U70, which is located in its fifth intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of RPL10 dispersed through the genome (provided by RefSeq, Feb 2012). Mouse anti Human RPL10 antibody, clone OTI6B11 detects a band of 25 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.
Western Blotting	Anti RPL10 detects a band of approximately 25 kDa in K562 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 #10048 available at: https://www.bio-rad-antibodies.com/SDS/VMA00429 Antibody (10048)
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

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

Recommended Negative Controls

MOUSE IgG2a NEGATIVE CONTROL (MCA929)

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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