

Datasheet: VMA00186

Description:	MOUSE ANTI RUVBL2
Specificity:	RUVBL2
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OT11A6
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 purified by affinity chromatography from ascites.

Buffer Solution

Phosphate buffered saline.

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)
1% Bovine Serum Albumin
50% Glycerol

Immunogen Recombinant protein fragment corresponding to amino acids 113-370 of human RUVBL2 (NP_006657) produced in *E. coli*

External Database Links

UniProt:

[Q9Y230](#) [Related reagents](#)

Entrez Gene:

[10856](#) RUVBL2 [Related reagents](#)

Synonyms INO80J, TIP48, TIP49B

Specificity **Mouse anti Human RUVBL2 antibody, clone OT11A6** recognizes RUVBL2, also known as 48 kDa TATA box-binding protein-interacting protein, 48 kDa TBP-interacting protein, 51 kDa erythrocyte cytosolic protein, ECP-51, INO80 complex subunit J, RuvB (E coli homolog)-like 2, TAP54-beta, TIP60-associated protein 54-beta, erythrocyte cytosolic protein, 51-KD, repressing pontin 52, reptin52 protein and ruvB-like 2.

The RUVBL2 gene encodes the second human homologue of the bacterial RuvB gene. Bacterial RuvB protein is a DNA helicase essential for homologous recombination and DNA double-strand break repair. Functional analysis showed that RUVBL2 product has both ATPase and DNA helicase activities. RUVBL2 is physically linked to the CGB/LHB gene cluster on chromosome 19q13.3, and is very close (55 nt) to the LHB gene, in the opposite orientation (provided by RefSeq, Jul 2008).

Mouse anti Human RUVBL2 antibody, clone OT11A6 detects a band of 48 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti RUVBL2 detects a band of approximately 48 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/VMA00186> Antibody (10048)

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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