

Datasheet: VMA00186

BATCH NUMBER 240615

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

0.09% Sodium Azide (NaN₃)

Stabilisers	1% Bovine Serum Albumin 50% Glycerol
Immunogen	Recombinant protein fragment corresponding to amino acids 113-370 of human RUVBL2 (NP_006657) produced in <i>E. coli</i>
External Database Links	<p>UniProt: Q9Y230 Related reagents</p> <p>Entrez Gene: 10856 RUVBL2 Related reagents</p>
Synonyms	INO80J, TIP48, TIP49B
Specificity	<p>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.</p> <p>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).</p> <p>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.</p>
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](#)

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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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