

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

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. 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 dependant on sample type.

Target Species	Human
Species Cross Reactivity	Reacts with: Mouse, Rat N.B. Antibody reactivity and working conditions may vary between species.
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	Recombinant protein fragment corresponding to amino acids 113-370 of human RUVBL2 (NP_006657) produced in <i>E. coli</i>
External Database Links	UniProt: Q9Y230 Related reagents Entrez Gene:

Synonyms	INO80J, TIP48, TIP49B
Specificity	Mouse anti Human RUVBL2 antibody 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 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.
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Shelf Life	As supplied, 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: Antibody (10048): https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf
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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