

Datasheet: VMA00243

BATCH NUMBER 151111

Description:	MOUSE ANTI SETDB1
Specificity:	SETDB1
Format:	Purified
Product Type:	PrecisionAb Monoclonal
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: 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 prepared by affinity chromatography on Protein G from ascites

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)

Immunogen	Purified recombinant fragment of human SETDB1 expressed in <i>E. coli</i>
External Database Links	<p>UniProt: Q15047 Related reagents</p> <p>Entrez Gene: 9869 SETDB1 Related reagents</p>
Synonyms	KIAA0067, KMT1E
Specificity	<p>Mouse anti Human SETDB1 antibody recognizes the histone-lysine N-methyltransferase SETDB1, also known as ERG-associated protein with SET domain, ERG-associated protein with a SET domain, ESET, H3-K9-HMTase 4, histone H3-K9 methyltransferase 4, histone-lysine N-methyltransferase SETDB1, histone-lysine N-methyltransferase, H3lysine-9 specific 4, lysine N-methyltransferase 1E and tudor domain containing 21.</p> <p>Histone-lysine N-methyltransferase SETDB1 is a histone methyltransferase which regulates histone methylation, gene silencing, and transcriptional repression. SETDB1 has been identified as a target for treatment in Huntington's disease, given that gene silencing and transcription dysfunction likely play a role in the disease pathogenesis. Alternatively spliced transcript variants of SETDB1 have been described (provided by RefSeq, Jun 2011).</p> <p>Mouse anti Human SETDB1 antibody detects a band of 180 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti SETDB1 detects a band of approximately 180 kDa in HEK293 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/VMA00243 Antibody (10040)
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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