

Datasheet: VMA00915

BATCH NUMBER 100005620

Description:	MOUSE ANTI HAX1
Specificity:	HAX1
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	AB03/4C6
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
Immunoprecipitation	▪			
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 affinity purified on Protein G from tissue culture supernatant

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers	0.09% Sodium Azide
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	<i>E. coli</i> -derived recombinant protein of amino acids 1-279 of human HAX1
External Database Links	<p>UniProt: O00165 Related reagents</p> <p>Entrez Gene: 10456 HAX1 Related reagents</p>
Synonyms	HS1BP1
Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cells of the mouse SP2/0 myeloma cell line
Specificity	<p>Mouse anti HAX1 antibody recognizes HCLS1-associated protein X-1, also known as HSP1BP-1.</p> <p>The ubiquitously-expressed protein HAX1 has functions in control of cell viability, migration, and cancer progression, and has been reported in the mitochondria and cytoplasm (Li et al. 2016). Mutations in HAX1 cause severe congenital neutropenia (SCN), a condition characterised by life-threatening bacterial infections and a dramatic decrease in peripheral neutrophil granulocytes (Klein 2017). Transcription of the gene encoding HAX1 is activated by the histone demethylase KDM4B, which show correlated overexpression in colorectal cancer cells and play a role in mitochondrial apoptosis (Li et al. 2016). HAX1 may play an important role in the invasion and metastasis of breast cancer, has been suggested as a potential therapeutic target (Sheng and Ni 2015).</p>
Western Blotting	Mouse anti HAX1 detects a band of approximately 32 kDa in Jurkat 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/VMA00915 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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