

Datasheet: VMA00923

Description:	MOUSE ANTI HDGF
Specificity:	HDGF
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	AB03/3H6
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 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 1-240 of human HDGF
External Database Links	<p>UniProt: P51858 Related reagents</p> <p>Entrez Gene: 3068 HDGF Related reagents</p>
Synonyms	HMG1L2
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 HDGF antibody recognizes the Hepatoma-derived growth factor, also known as High mobility group protein 1-like 2.</p> <p>HDGF is a 27kDa heparin-binding glycoprotein that belongs to the HDGF-related protein family of growth factors. HDGF is ubiquitously expressed and localizes at the nucleus where it acts as a transcription coactivator for lipid metabolism genes (Min et al. 2018) and stimulates cell proliferation (Kishima et al. 2002). HDGF has also been shown to participate in numerous cellular processes such as tissue remodeling, cell migration and angiogenesis (Enomoto et al. 2015) and an increase in its expression has been described as a poor prognosis marker in numerous cancers.</p>
Western Blotting	Mouse anti HDGF detects a band of approximately 40 kDa in HepG2 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/VMA00923 Antibody (10040)
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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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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