

Datasheet: VMA00923

BATCH NUMBER 100005622

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	0.09% Sodium Azide

Stabilisers

Approx. Protein Concentrations IgG concentration 1.0 mg/ml

Immunogen *E. coli*-derived recombinant protein of amino acids 1-240 of human HDGF

External Database Links

UniProt:
[P51858](#) [Related reagents](#)

Entrez Gene:
[3068](#) HDGF [Related reagents](#)

Synonyms HMG1L2

Fusion Partners Spleen cells from immunised BALB/c mice were fused with cells of the mouse SP2/0 myeloma cell line

Specificity **Mouse anti HDGF antibody** recognizes the Hepatoma-derived growth factor, also known as High mobility group protein 1-like 2.

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 ([et al 2018](#)) and [stimulates cell proliferation \(et al2002\)](#). [HDGF has also been shown to participate in numerous cellular processes such as tissue remodeling, cell migration and angiogenesis \(et al2015\) and an increase in its expression has been described as a poor prognosis marker in numerous cancers.](#)

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](#)

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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

'M387331:210623'

Printed on 10 Apr 2024

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