

Datasheet: VMA00083

BATCH NUMBER 140715

Description:	MOUSE ANTI HIF2 ALPHA
Specificity:	HIF2 ALPHA
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: 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 purified by affinity chromatography on Protein G from tissue culture supernatant

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)

1% Bovine Serum Albumin
<50% Glycerol

Immunogen Recombinant protein corresponding to an internal region of human HIF2 alpha

External Database Links

UniProt:

[Q99814](#) [Related reagents](#)

Entrez Gene:

[2034](#) EPAS1 [Related reagents](#)

Synonyms BHLHE73, HIF2A, MOP2, PASD2

Specificity **Mouse anti Human HIF2 alpha antibody** recognizes HIF2 alpha, also known as EPAS-1, basic-helix-loop-helix-PAS protein MOP2, class E basic helix-loop-helix protein 73, bHLHe73, HIF-1-alpha-like factor, HLF, hypoxia-inducible factor 2-alpha, HIF-2-alpha, HIF2-alpha, member of PAS protein 2 and PAS domain-containing protein 2.

HIF 2 alpha is a transcription factor involved in the induction of genes regulated by oxygen, which is induced as oxygen levels fall. Encoded by the EPAS1 gene, HIF2 alpha contains a basic-helix-loop-helix domain protein dimerization domain as well as a domain found in proteins in signal transduction pathways which respond to oxygen levels. Mutations in HIF2 alpha are associated with erythrocytosis familial type 4 (provided by RefSeq, Nov 2009).

Mouse anti Human HIF2 alpha antibody detects a band of 117 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti HIF2 alpha detects a band of approximately 117 kDa in HeLa 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 #10048 available at: <https://www.bio-rad-antibodies.com/SDS/VMA00083>
Antibody (10048)

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

North & South Tel: +1 800 265 7376

Worldwide

Tel: +44 (0)1865 852 700

Europe

Tel: +49 (0) 89 8090 95 21

To

America Fax: +1 919 878 3751

Fax: +44 (0)1865 852 739

Fax: +49 (0) 89 8090 95 50

find a

Email: antibody_sales_us@bio-rad.com

Email: antibody_sales_uk@bio-rad.com

Email: antibody_sales_de@bio-rad.com

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

'M369890:200529'

Printed on 25 Mar 2023

© 2023 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)