

Datasheet: VMA00083

**BATCH NUMBER 151830**

<b>Description:</b>	MOUSE ANTI HIF2 ALPHA
<b>Specificity:</b>	HIF2 ALPHA
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen	▪			
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

<b>Preservative</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Stabilisers</b>	1% Bovine Serum Albumin <50% Glycerol
<b>Immunogen</b>	Recombinant protein corresponding to an internal region of human HIF2 alpha
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">Q99814</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">2034</a>    EPAS1    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	BHLHE73, HIF2A, MOP2, PASD2
<b>Specificity</b>	<p><b>Mouse anti Human HIF2 alpha antibody</b> 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.</p> <p>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).</p> <p>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.</p>
<b>Western Blotting</b>	Anti HIF2 alpha detects a band of approximately 117 kDa in HeLa cell lysates.
<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
<b>Guarantee</b>	12 months from date of despatch
<b>Acknowledgements</b>	PrecisionAb is a trademark of Bio-Rad Laboratories.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10048 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VMA00083">https://www.bio-rad-antibodies.com/SDS/VMA00083</a> Antibody (10048)
<b>Regulatory</b>	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](https://bio-rad-antibodies.com/datasheets)

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