

Datasheet: VMA00083

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

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. 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 dependant on sample type.

Target Species	Human
Species Cross Reactivity	Reacts with: Mouse, Rat N.B. Antibody reactivity and working conditions may vary between species.
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 (NaN ₃) 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.
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Shelf Life	As supplied, 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: Antibody (10048): https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf
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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