

Datasheet: VMA00224

Description:	MOUSE ANTI NFE2L2
Specificity:	NFE2L2
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 prepared by affinity chromatography on Protein G from ascites

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)

Immunogen	Recombinant protein corresponding to amino acids 356-589 of human NFE2L2 expressed in <i>E. coli</i>
External Database Links	<p>UniProt: Q16236 Related reagents</p> <p>Entrez Gene: 4780 NFE2L2 Related reagents</p>
Synonyms	NRF2
Specificity	<p>Mouse anti Human NFE2L2 antibody recognizes the nuclear factor erythroid 2-related factor 2, also known as HEBP1, NF-E2-related factor 2, NFE2-related factor 2, nuclear factor (erythroid-derived 2)-like 2, nuclear factor erythroid-derived 2-like 2, nuclear factor and erythroid derived 2, like 2.</p> <p>NFE2L2 gene encodes a transcription factor which is a member of a small family of basic leucine zipper (bZIP) proteins. The encoded transcription factor regulates genes which contain antioxidant response elements (ARE) in their promoters; many of these genes encode proteins involved in response to injury and inflammation which includes the production of free radicals. Multiple transcript variants encoding different isoforms have been found for NFE2L2 (provided by RefSeq, Jan 2012).</p> <p>Mouse anti Human NFE2L2 antibody detects a band of 68 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti NFE2L2 detects a band of approximately 68 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 #10040 available at: Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.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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