

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

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 prepared by affinity chromatography on Protein G from ascites
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
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	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. 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). Mouse anti Human NFE2L2 antibody detects a band of 68 kDa. The antibody has been extensively validated for western blotting using whole cell lysates. The mouse anti Human NFE2L2 antibody is available with a positive control lysate, in a smaller trial size, and as a standalone antibody.
Western Blotting	Anti NFE2L2 detects a band of approximately 68 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 #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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