

Datasheet: VMA00150

Description:	MOUSE ANTI NF KAPPA B INHIBITOR ALPHA
Specificity:	NF KAPPA B INHIBITOR ALPHA
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI1D4
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
Immunoprecipitation	▪			
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: Rat, Mouse

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 from ascites.

Buffer Solution

Phosphate buffered saline.

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)
1% Bovine Serum Albumin

50% Glycerol

Approx. Protein Concentrations	IgG concentration 0.5 mg/ml.
---------------------------------------	------------------------------

Immunogen	Full length recombinant human NF kappa B inhibitor alpha (NP_065390) produced in HEK293T cells
------------------	--

External Database Links	UniProt: P25963 Related reagents Entrez Gene: 4792 NFKBIA Related reagents
--------------------------------	---

Synonyms	IKBA, MAD3, NFKBI
-----------------	-------------------

Specificity	<p>Mouse anti Human NF kappa B inhibitor alpha antibody recognizes NF kappa B inhibitor alpha, also known as I-kappa-B-alpha, IkappaBalph, NF-kappa-B inhibitor alpha, ikB-alpha, major histocompatibility complex enhancer-binding protein MAD3 and nuclear factor of kappa light chain gene enhancer in B-cells.</p> <p>Human NF kappa B inhibitor alpha is a member of the NF kappa B inhibitor family, which contain multiple ankrin repeat domains. The encoded protein interacts with REL dimers to inhibit NF kappa B/REL complexes which are involved in inflammatory responses. The encoded protein moves between the cytoplasm and the nucleus via a nuclear localization signal and CRM1-mediated nuclear export. Mutations in the NFKBIA gene have been found in ectodermal dysplasia anhidrotic with T-cell immunodeficiency autosomal dominant disease (provided by RefSeq, Aug 2011).</p> <p>Mouse anti Human Human NF kappa B inhibitor alpha antibody detects a band of 35 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
--------------------	--

Western Blotting	Anti NF kappa B inhibitor alpha detects a band of approximately 35 kDa in MCF7 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/VMA00150 Antibody (10048)
--------------------------------------	---

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 \(MCA928\)](#)

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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

'M397441:220617'

Printed on 18 Jan 2024

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)