

Datasheet: VMA00150

BATCH NUMBER 171008

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 tissue culture supernatant

Buffer Solution

Phosphate buffered saline.

Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin 25% 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	<p>UniProt: P25963 Related reagents</p> <p>Entrez Gene: 4792 NFKBIA Related reagents</p>
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, IkappaBalpha, 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
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M438727:250522'

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