

Datasheet: VMA00150

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| Description: | MOUSE ANTI NF KAPPA B INHIBITOR ALPHA |
| Specificity: | NF KAPPA B INHIBITOR ALPHA |
| Format: | Purified |
| Product Type: | PrecisionAb Monoclonal |
| Clone: | OT11D4 |
| 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.

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| Target Species | Human |
| Species Cross Reactivity | Reacts with: Rat, Mouse N.B. Antibody reactivity and working conditions may vary between species. |
| 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 (NaN ₃) 1% Bovine Serum Albumin 50% Glycerol |
| 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](#)

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|-----------------|-------------------|
| Synonyms | IKBA, MAD3, NFKBI |
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| Specificity | <p>Mouse anti Human NF kappa B inhibitor alpha antibody recognizes NF kappa B inhibitor alpha, also known as I-kappa-B-alpha, IkappaBalpa, 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> |
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| Western Blotting | Anti NF kappa B inhibitor alpha detects a band of approximately 35 kDa in MCF7 cell lysates. |
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| Storage | Store undiluted at -20°C, avoiding repeated freeze thaw cycles. |
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| Guarantee | 12 months from date of despatch |
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| Acknowledgements | PrecisionAb is a trademark of Bio-Rad Laboratories. |
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| Health And Safety Information | Material Safety Datasheet documentation #10048 available at: Antibody (10048): https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf |
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|-------------------|----------------------------|
| Regulatory | For research purposes only |
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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 3751Email: antibody_sales_us@bio-rad.com**Worldwide**

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'M369944:200529'

Printed on 28 Sep 2020