

Datasheet: VMA00575

Description:	MOUSE ANTI IKK BETA
Specificity:	IKK BETA
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Isotype:	IgG2b
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
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 on Protein G from ascites

Buffer Solution

HEPES buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)
 1% Bovine Serum Albumin
 <50% Glycerol

Immunogen *E. coli*-derived recombinant human IKK beta fragment

External Database

Links

UniProt:

[O14920](#) [Related reagents](#)

Entrez Gene:

[3551](#) IKBKB [Related reagents](#)

Synonyms

IKKB

Specificity

Mouse anti Human IKK beta antibody recognizes the inhibitor of nuclear factor kappa-B kinase subunit beta, also known as I-kappa-B kinase 2, I-kappa-B-kinase beta, IKK2, IKK-beta or nuclear factor NF-kappa-B inhibitor kinase beta.

The protein encoded by IKBKB gene phosphorylates the inhibitor in the inhibitor/NF-kappa-B complex, causing dissociation of the inhibitor and activation of NF-kappa-B. The encoded protein itself is found in a complex of proteins. Several transcript variants, some protein-coding and some not, have been found for IKBKB (provided by RefSeq, Sep 2011).

Mouse anti Human IKK beta antibody detects a band of 99 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti IKK Beta detects a band of approximately 99 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 #20359 available at:
Antibody (20359): <https://www.bio-rad-antibodies.com/uploads/MSDS/20359.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

Recommended Negative Controls

[MOUSE IgG2b NEGATIVE CONTROL \(MCA691\)](#)

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

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