

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

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 N.B. Antibody reactivity and working conditions may vary between species.
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 (NaN ₃) 1% Bovine Serum Albumin <50% Glycerol
Immunogen	<i>E. coli</i> -derived recombinant human IKK beta fragment
External Database Links	<p>UniProt: O14920 Related reagents</p> <p>Entrez Gene: 3551 IKKB Related reagents</p>
Synonyms	IKKB

Specificity	<p>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.</p> <p>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).</p> <p>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.</p>
Western Blotting	Anti IKK Beta detects a band of approximately 99 kDa in MCF7 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 #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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