

Datasheet: MCA6019

Description:	MOUSE ANTI NF KAPPA B INHIBITOR ALPHA
Specificity:	NF KAPPA B INHIBITOR ALPHA
Other names:	IKB ALPHA
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	6A055
Isotype:	IgG1
Quantity:	50 µg

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	▪			1.0 - 4.0 ug/ml
Western Blotting	▪			0.5 - 4.0 ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative	0.02% Thiomersal
Stabilisers	1% Bovine Serum Albumin 50% Glycerol
Approx. Protein Concentrations	IgG concentration 0.25 mg/ml
Immunogen	Recombinant human NF kappa B inhibitor alpha
External Database Links	UniProt: P25963 Related reagents Entrez Gene:

Synonyms	IKBA, MAD3, NFKBI
Specificity	Mouse anti NF kappa B inhibitor alpha antibody, clone 6A055 , recognizes NF kappa B inhibitor alpha also known as I-kappa-B-alpha (IκB-alpha) and major histocompatibility complex enhancer-binding protein MAD3. NF kappa B inhibitor alpha is one of seven members of the IκB class of inhibitor proteins that have been identified to date. NF kappa B inhibitor alpha inhibits the NF kappa B complex in unstimulated cells through non-covalent binding. Following stimulation of cells, NF kappa B inhibitor alpha is phosphorylated so that it dissociates from NF kappa B and is then ubiquitinated prior to degradation.
Western Blotting	Mouse anti Human NF Kappa B Inhibitor alpha antibody recognizes both the phosphorylated and non-phosphorylated forms of NF Kappa B Inhibitor alpha (approximately 35 kDa) in untreated Jurkat cell lysate and lysate from Jurkat cells treated with TNFα.
Storage	Store at -20°C only. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10585 available at: 10585: https://www.bio-rad-antibodies.com/uploads/MSDS/10585.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®549 , DyLight®649 , DyLight®680 , DyLight®800 , FITC , HRP

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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