SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

Recombinant Anti-Human nfkbib Antibody

Cat. No.: **MOM-18444**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody is against Human NFKBIB, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

Inhibits NF-kappa-B by complexing with and trapping it in the cytoplasm. However, the unphosphorylated form resynthesized after cell stimulation is able to bind NF-kappa-B allowing its transport to the nucleus and protecting it to further NFKBIA-dependent inactivation. Association with inhibitor kappa B-interacting NKIRAS1 and NKIRAS2 prevent its phosphorylation rendering it more resistant to degradation, explaining its slower degradation.

Specific Activity

Tested positive against native antigen.

Target

NFKBIB

Immunogen

Purified recombinant fragment of Human IKB beta expressed in E. Coli.

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

>95.0% as determined by analysis by RP-HPLC.

Applications

Suitable for use in Neut, ELISA, FC, IP, ICC and most other immunological methods.

Storage

Store at -20°C. Avoid multiple freeze/thaw cycles.

ANTIGEN GENE INFOMATION

Gene Name

NFKBIB nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, beta [Homo sapiens]

Official Symbol

NFKBIB

Synonyms

NFKBIB; nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, beta; NF-kappa-B inhibitor beta; IKBB; TRIP9; ikB-B; TRIP-9; ikB-beta; ikappaBbeta; NF-kappa-BIB; I-kappa-B-beta; TR-interacting protein 9; thyroid receptor-interacting protein 9

Gene ID

4793

mRNA Refseq

NM_001243116

Protein Refseq

NP_001230045

MIM

604495

UniProt ID

Q15653

Chromosome Location

19q13.1

Pathway

Activated TLR4 signalling, organism-specific biosystem; Activation of NF-kappaB in B Cells, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Apoptosis, organism-specific biosystem; B cell receptor signaling pathway, organism-specific biosystem;

Function

protein binding; signal transducer activity; transcription coactivator activity;

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