

Anti-Ik β Alpha/NFKBIA (Phospho-S36) Antibody (Monoclonal, 32N37)

Catalog Number: M01139-2

About Nfkbia

NFKBIA, also called IKBA or MAD-3, is one member of a family of cellular proteins that function to inhibit the NF-kappaB transcription factor. It is mapped to 14q13.2. NFKBIA inhibits NF-kappaB by masking the nuclear localization signals(NLS) of NF-kappaB proteins and keeping them sequestered in an inactive state in the cytoplasm. It moves between the cytoplasm and the nucleus via a nuclear localization signal and CRM1-mediated nuclear export. The effect of the nonpathogenic bacteria is specific to the SCF complex substrates CTNNB1 and NFKBIA. This may help to explain the beneficial effects of treatment of inflammatory bowel disease with nonpathogenic probiotic enteric organisms. In addition, NFKBIA blocks the ability of NF-kappaB transcription factors to bind to DNA, which is required for NF-kappaB's proper functioning.

Overview

Product Name	Anti-Ik β Alpha/NFKBIA (Phospho-S36) Antibody (Monoclonal, 32N37)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Ik β Alpha/NFKBIA (Phospho-S36) Antibody (Monoclonal, 32N37) catalog # M01139-2. Tested in WB, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, ICC, WB
Clonality	Monoclonal 32N37
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9Z1E3

Technical Details

Immunogen	Synthetic phosphopeptide corresponding to residues surrounding Ser36 of human IKB alpha.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.

Suggested Dilutions

Western blot, 1:500-2000
Immunocytochemistry/Immunofluorescence, 1:50-200

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-IkB Alpha/NFKBIA (Phospho-S36) Antibody (Monoclonal, 32N37)

For Research Use Only. Not for use in diagnostic procedures.