

## ARG44060 anti-NFKBIZ antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal recognizes NFKBIZ
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NFKBIZ
Species	Human
Immunogen	Human NFKBIZ recombinant protein (Position: Q247-H577).
Conjugation	Un-conjugated
Alternate Names	NFKBIZ; NFKB Inhibitor Zeta; MAIL; INAP; IL-1 Inducible Nuclear Ankyrin-Repeat Protein; NF-Kappa-B Inhibitor Zeta; Nuclear Factor Of Kappa Light Polypeptide Gene Enhancer In B-Cells Inhibitor, Zeta; Molecule Possessing Ankyrin Repeats Induced By Lipopolysaccharide; I-Kappa-B-Zeta; IkappaBzeta; FLJ34463; IκB-Zeta; IKBZ; IkappaB-Zeta

### Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/1x10 <sup>6</sup> cells
	ICC/IF	5 µg/ml
	WB	0.25 - 0.5 µg/ml

**Application Note** The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note

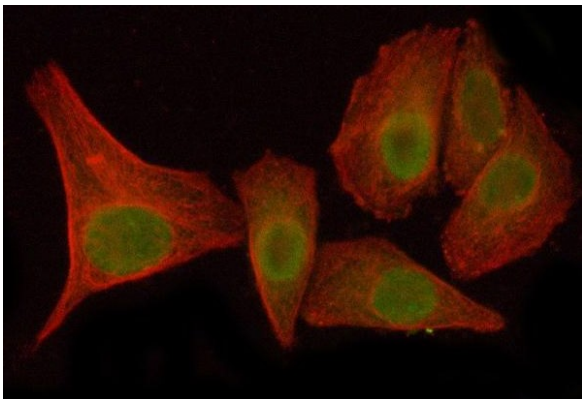
For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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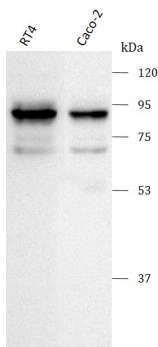
Gene Symbol	NFKBIZ
Gene Full Name	NFKB Inhibitor Zeta
Background	This gene is a member of the ankyrin-repeat family and is induced by lipopolysaccharide (LPS). The C-terminal portion of the encoded product which contains the ankyrin repeats, shares high sequence similarity with the I kappa B family of proteins. The latter are known to play a role in inflammatory responses to LPS by their interaction with NF-B proteins through ankyrin-repeat domains. Studies in mouse indicate that this gene product is one of the nuclear I kappa B proteins and an activator of IL-6 production. Two transcript variants encoding different isoforms have been found for this gene.
Function	Involved in the induction of T helper 17 cells (Th17) differentiation upon recognition of antigen by T cell antigen receptor (TCR).
Calculated Mw	78 kDa
Cellular Localization	Nucleus

## Images



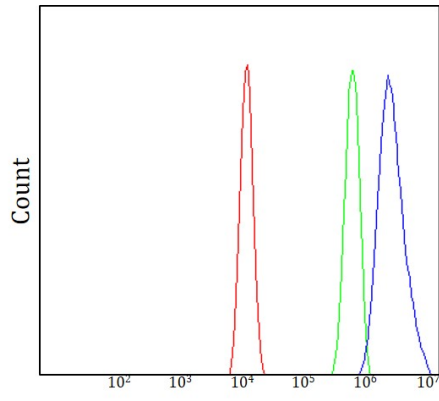
ARG44060 anti-NFKBIZ antibody ICC/IF image

Immunofluorescence: SIHA stained with ARG44060 anti-NFKBIZ antibody at 5 µg/mL dilution.



ARG44060 anti-NFKBIZ antibody WB image

Western blot: RT4 and Caco-2 stained with ARG44060 anti-NFKBIZ antibody at 0.5 µg/mL dilution.



ARG44060 anti-NFKBIZ antibody FACS image

Flow Cytometry: HEL stained with ARG44060 anti-NFKBIZ antibody at  $1 \mu\text{g}/1 \times 10^6$  cells dilution.