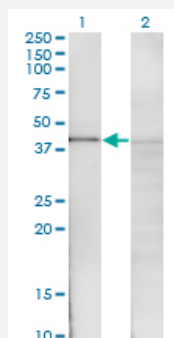


NFKBIB monoclonal antibody (M06), clone 1G6

Catalog # H00004793-M06

Size 100 ug

Applications

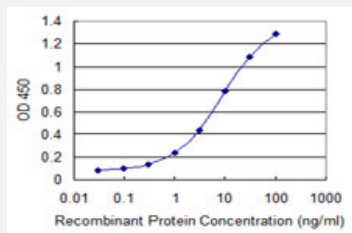


Western Blot (Transfected lysate)

Western Blot analysis of NFKBIB expression in transfected 293T cell line by NFKBIB monoclonal antibody (M06), clone 1G6.

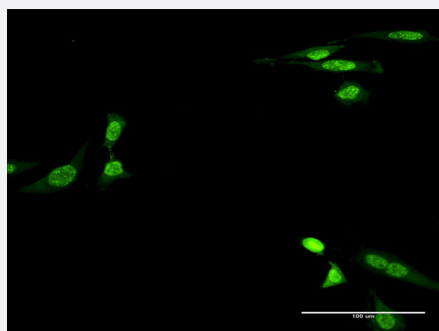
Lane 1: NFKBIB transfected lysate (37.8 KDa).

Lane 2: Non-transfected lysate.



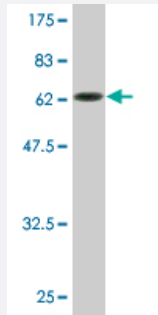
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NFKBIB is 0.1 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to NFKBIB on HeLa cell .
[antibody concentration 40 ug/ml]



Western Blot detection against Immunogen (64.9 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant NFKBIB.
Immunogen	NFKBIB (AAH15528, 1 a.a. ~ 356 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAGVACLGKAADADEWCDSGLGSLGPDAAAPGGPGLGAELGPGLSWAPLVFGYVTEGDGTAL HLAVIHQHEPFLDFLLGFSAGTEYMDLQNDLGQTALHLAAILGETSTVEKLYAAGAGLCVAERRGH TALHLACRVGAHACARALLQPRPRRPREAPDTYLAQGPDRTPDTNHTPVALYPDSLEKEEEES EEDWKLQLEAENYEGHTPLHVAVIHKDVEMVRLLRDAGADLDKPEPTCGRSPLHLAVEAQAADV LELLLRAGANPAARMYGGRTPLGSAMLRPNPILARLLRAHGAPEPEGEDEKSGPCSSSSSDSDSG DEGDEYDDIVHSSRSQTRLPPTPASKPLPDDPRPV
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (64.9 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

● Western Blot (Transfected lysate)

Western Blot analysis of NFKBIB expression in transfected 293T cell line by NFKBIB monoclonal antibody (M06), clone 1G6.

Lane 1: NFKBIB transfected lysate(37.8 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NFKBIB is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to NFKBIB on HeLa cell . [antibody concentration 40 ug/ml]

Gene Info — NFKBIB

Entrez GeneID [4793](#)

GeneBank Accession# [BC015528](#)

Protein Accession# [AAH15528](#)

Gene Name NFKBIB

Gene Alias IKBB, TRIP9

Gene Description nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, beta

Omim ID [604495](#)

Gene Ontology [Hyperlink](#)

Gene Summary NFKB1 (MIM 164011) or NFKB2 (MIM 164012) is bound to REL (MIM 164910), RELA (MIM 164014), or RELB (MIM 604758) to form the NFKB complex. The NFKB complex is inhibited by I-kappa-B proteins (NFKBIA, MIM 164008, or NFKBIB), which inactivate NF-kappa-B by trapping it in the cytoplasm. Phosphorylation of serine residues on the I-kappa-B proteins by kinases (IKBKA, MIM 600664 or IKBKB, MIM 603258) marks them for destruction via the ubiquitination pathway, thereby allowing activation of the NF-kappa-B complex. Activated NFKB complex translocates into the nucleus and binds DNA at kappa-B-binding motifs such as 5-prime GGGRNNYYCC 3-prime or 5-prime HGGARNYYCC 3-prime (where H is A, C, or T; R is an A or G purine; and Y is a C or T pyrimidine).[supplied by OMIM]

Other Designations -

Pathway

- [Adipocytokine signaling pathway](#)
- [B cell receptor signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [T cell receptor signaling pathway](#)

Disease

- [Arthritis](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Connective Tissue Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Empyema](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [HIV Infections](#)
- [Inflammation](#)
- [Lymphoma](#)
- [Musculoskeletal Diseases](#)

- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pneumococcal Infections](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Skin Diseases](#)