



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## NFKBIA monoclonal antibody (M10), clone 3H4

Catalog # : H00004792-M10

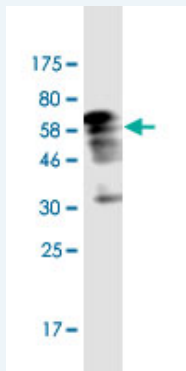
規格 : [ 100 ug ]

[List All](#)

### Specification

<b>Product Description:</b>	Mouse monoclonal antibody raised against a full-length recombinant NFKBIA.
<b>Immunogen:</b>	NFKBIA (AAH04983, 1 a.a. ~ 317 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence:</b>	MFQAAERPQEWAMEGPRDGLKKERLLDDRHDSDLDSMKDEEYEQMVK ELQEIRLEPQEVPRGSEPWKQQLTEDGDSFLHLAIHHEEKALTMIVIRQVK GDLAFLNFQNNLQQTPLHLAVITNQPEIAEALLGAGCDPELRDFRGNTPL HLACEQGCLASVGLTQSCCTPHLHSILKATNYNGHTCLHLASIHGYLGIV ELLVSLGADVNAQEPNGRTALHLAVDLQNPDLVSLLLKCGADVNRVY QGYSPLYLTWGRPSTRIQQQLGQLTLENLQMLPESEDEESYDTESEFT EFTDELDPYDDCVFGGQRLTL
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Isotype:</b>	IgG2a Kappa

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (60.61 KDa) .

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

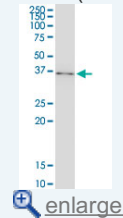
**Datasheet:** [Download](#)

### Applications

Western Blot (Cell lysate)

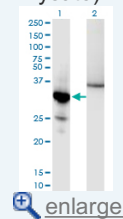
### Application Image

Western Blot (Cell lysate)



[enlarge](#)

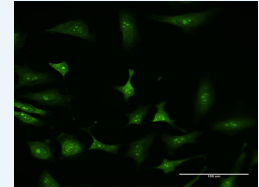
Western Blot (Transfected lysate)



[enlarge](#)

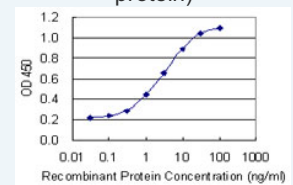
Western Blot (Recombinant protein)

Immunofluorescence



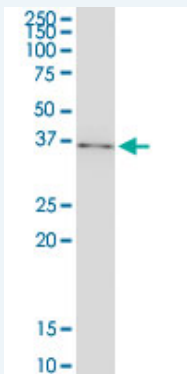
[enlarge](#)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

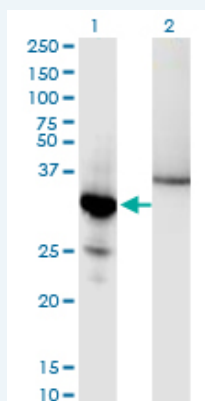
ELISA



NFKBIA monoclonal antibody (M10), clone 3H4. Western Blot analysis of NFKBIA expression in HeLa S3 NE.

 [Protocol Download](#)

#### Western Blot (Transfected lysate)



Western Blot analysis of NFKBIA expression in transfected 293T cell line by NFKBIA monoclonal antibody (M10), clone 3H4.

Lane 1: NFKBIA transfected lysate (Predicted MW: 35.6 KDa).

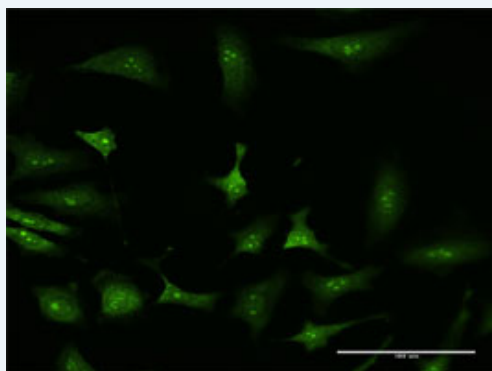
Lane 2: Non-transfected lysate.


 [Protocol Download](#)

#### Western Blot (Recombinant protein)


 [Protocol Download](#)

#### Immunofluorescence

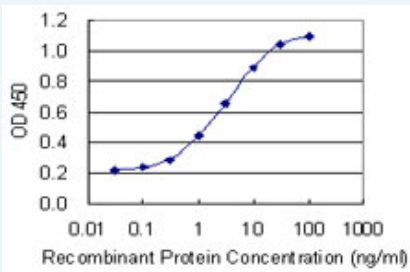


 [enlarge this image](#)


Immunofluorescence of monoclonal antibody to NFKBIA on HeLa cell . [antibody concentration 20 ug/ml]

 [Protocol Download](#)

#### Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged NFKBIA is 0.03 ng/ml as a capture antibody.

 [Protocol Download](#)

## ELISA

### Gene Information

Entrez GeneID: [4792](#)

GeneBank [BC004983](#)

Accession#:

Protein [AAH04983](#)

Accession#:

Gene Name: NFKBIA

Gene Alias: IKBA,MAD-3,NFKBI

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

Omim ID: [164008](#)

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 or NFKBIB, MIM 604495), 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: I kappa B alpha, nuclear factor of kappa light chain gene enhancer in B-cells

### Gene Pathway

[Adipocytokine signaling pathway](#) [Apoptosis](#) [B cell receptor signaling pathway](#)  
[Chemokine signaling pathway](#) [Chronic myeloid leukemia](#)  
[Epithelial cell signaling in Helicobacter pylori infection](#) [Neurotrophin signaling pathway](#)  
[Pathways in cancer](#) [Prostate cancer](#) [Small cell lung cancer](#)  
[T cell receptor signaling pathway](#) [Toll-like receptor signaling pathway](#)

### Related Disease

[Adenocarcinoma](#) [Alcoholism](#) [Arthritis, Psoriatic](#) [Arthritis, Rheumatoid](#) [Asthma](#) [Asthma](#)  
[Atherosclerosis](#) [Behcet Syndrome](#) [Breast cancer](#) [Breast Neoplasms](#) [Bronchiolitis, Viral](#)  
[Calcinosis](#) [Carcinoma, Hepatocellular](#) [Carcinoma, Non-Small-Cell Lung](#)  
[Cardiovascular Diseases](#) [Carotid Stenosis](#) [Colorectal Neoplasms](#)  
[Connective Tissue Diseases](#) [Coronary Artery Disease](#)

[... see more](#)

---

[服務條款](#) | [隱私權政策](#) | [著作及商標](#) | [網站地圖](#)

©2016 亞諾法生技股份有限公司 Abnova Corporation. 版權所有.