

## Rabbit Anti-NFKB2 antibody

SLM-60673R

**Product Name** NFKB2

**Chinese Name** The nucleus 因子/k 基因结合核因子 p100Recombinant rabbit monoclonal anti NFκB-p100/p52; NFKB2\_HUMAN; NFKB2; LYT10; Nuclear factor NF-kappa-B p100 subunit; DNA-binding factor KBF2; H2TF1; Lymphocyte translocation chromosome 10 protein; Nuclear factor of kappa light polypeptide gene enhancer in B-cells 2; Oncogene Lyt-10 (Lyt10); Nuclear factor NF-kappa-B p52 subunit;

**Alias**

**Research Area** Tumour Signal transduction Apoptosis transcriptional regulatory factor

**Immunogen Species** Rabbit

**Clonality** Monoclonal

**Clone NO.** R12B5

**React Species** Human,Mouse,Rat  
WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:50-100,ICC/IF=1:100-500,IF=1:100-500  
(Paraffin sections need antigen repair)

**Applications** not yet tested in other applications.  
optimal dilutions/concentrations should be determined by the end user.

**Theoretical molecular weight** 50/100kDa

**Cellular localization** The nucleus

**Form** Liquid

**Concentration** 1mg/ml

**immunogen** KLH conjugated synthetic peptide derived from human NFKB2

**Lsotype** IgG

**Purification** affinity purified by Protein A

**Buffer Solution** 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

**Storage** Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

**Attention** This product as supplied is intended for research use only, not for use in human,

therapeutic or diagnostic applications.

**PubMed**

[PubMed](#)

This gene encodes a subunit of the transcription factor complex nuclear factor-kappa-B (NFkB). The NFkB complex is expressed in numerous cell types and functions as a central activator of genes involved in inflammation and immune function. The protein encoded by this gene can function as both a transcriptional activator or repressor depending on its dimerization partner. The p100 full-length protein is co-translationally processed into a p52 active form. Chromosomal rearrangements and translocations of this locus have been observed in B cell lymphomas, some of which may result in the formation of fusion proteins. There is a pseudogene for this gene on chromosome 18. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013]

**Subcellular Location:**

Nucleus. Cytoplasm. Note=Nuclear, but also found in the cytoplasm in an inactive form complexed to an inhibitor (I-kappa-B).

**Product  
Detail**

**SWISS:**

Q00653

**Gene ID:**

4791

**Database links:**

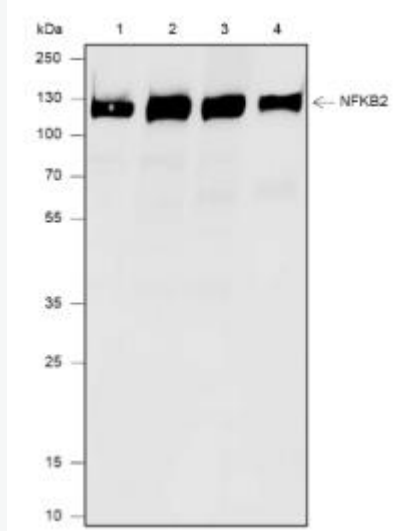
[Entrez Gene: 4791](#) Human

[Entrez Gene: 18034](#) Mouse

[Entrez Gene: 309452](#) Rat

[SwissProt: Q00653](#) Human

[SwissProt: Q9WTK5](#) Mouse



## Product Picture

Blocking buffer: 5% NFDM/TBST

Primary Ab dilution: 1:5000

Primary Ab incubation condition: 2 hours at  
room temperature

Secondary Ab: Goat Anti-Rabbit IgG H&L  
(HRP)

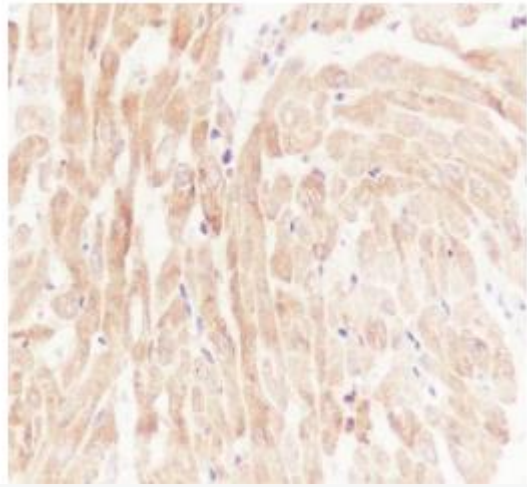
Lysate: 1: Jurkat, 2: Raji, 3: NIH/3T3, 4: C6

Protein loading quantity: 20  $\mu$ g

Exposure time: 30 s

Predicted MW: 97 kDa

Observed MW: 120 kDa



Tissue: Rat cardiac muscle

Section type: Formalin-fixed & Paraffin

-embedded section

Retrieval method: High temperature and high  
pressure

Retrieval buffer: Tris/EDTA buffer, pH 9.0

Primary Ab dilution: 1:100

Primary Ab incubation condition: 1 hour at  
room temperature

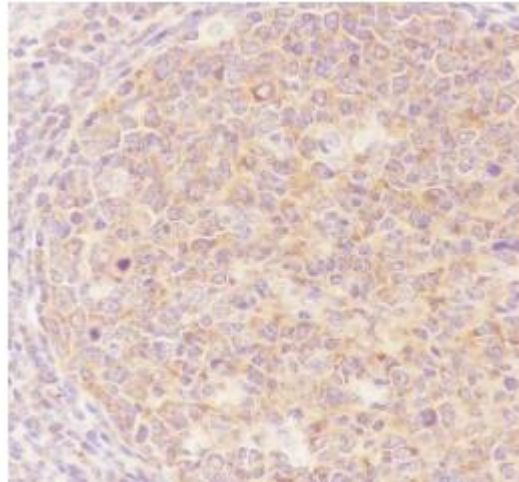
Secondary Ab: Anti-Rabbit and Mouse

Polymer HRP (Ready to use)

Counter stain: Hematoxylin (Blue)

Comment: Color brown is the positive signal for

SLM-60673R



Tissue: Human tonsil

Section type: Formalin-fixed & Paraffin

-embedded section

Retrieval method: High temperature and high  
pressure

Retrieval buffer: Tris/EDTA buffer, pH 9.0

Primary Ab dilution: 1:100

Primary Ab incubation condition: 1 hour at  
room temperature

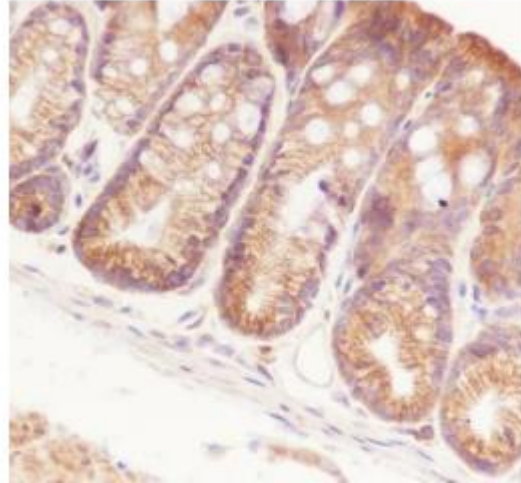
Secondary Ab: Anti-Rabbit and Mouse

Polymer HRP (Ready to use)

Counter stain: Hematoxylin (Blue)

Comment: Color brown is the positive signal for

SLM-60673R



Tissue: Mouse colon

Section type: Formalin-fixed & Paraffin  
-embedded section

Retrieval method: High temperature and high  
pressure

Retrieval buffer: Tris/EDTA buffer, pH 9.0

Primary Ab dilution: 1:100

Primary Ab incubation condition: 1 hour at  
room temperature

Secondary Ab: Anti-Rabbit and Mouse

Polymer HRP (Ready to use)

Counter stain: Hematoxylin (Blue)



Comment: Color brown is the positive signal for

SLM-60673R