

## Anti-NF- $\kappa$ B p100 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

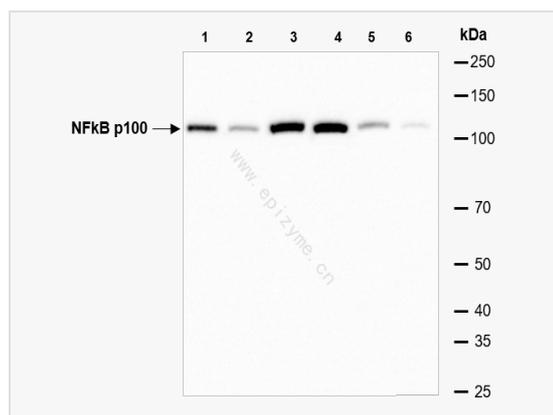
Catalog # R013761

### Product Information

Application	WB, ELISA
Reactivity	Rat, Human, Mouse
Dilution	WB 1:1,000~1:5,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	32G01L91
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human NF $\kappa$ B p100
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-NF- $\kappa$ B p100 Rabbit mAb [32G01L91] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	NFKB2, LYT10, Nuclear factor NF- $\kappa$ B p100 subunit, NF $\kappa$ B p100, 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.
Calculated MW	Calculated MW: 97 kDa; Observed MW: 120 kDa
Uniprot ID	Q00653
Gene ID	4791
Background	Transcription factors of the nuclear factor $\kappa$ B (NF- $\kappa$ B)/Rel family play a pivotal role in inflammatory and immune responses. NF- $\kappa$ B-activating agents can induce the phosphorylation of I $\kappa$ B proteins, targeting them for rapid degradation through the ubiquitin-proteasome pathway and releasing NF- $\kappa$ B to enter the nucleus where it regulates gene expression.



Western Blot - Anti-NF-KB p100 Rabbit mAb [32G01L91]

All lanes: R013761 at 1:5,000 dilution

Lane 1: C2C12 (mouse myoblasts epithelial cell) whole cell lysates

Lane 2: Jurkat (human T lymphocytic leukemia cell) whole cell lysates

Lane 3: HCT116 (human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: RAW264.7 (mouse mononuclear macrophage leukemia epithelial cell)

Lane 5: HepG2 (human hepatocellular carcinoma epithelial cell) whole cell lysates

Lane 6: Balb/c mouse liver whole tissue lysates

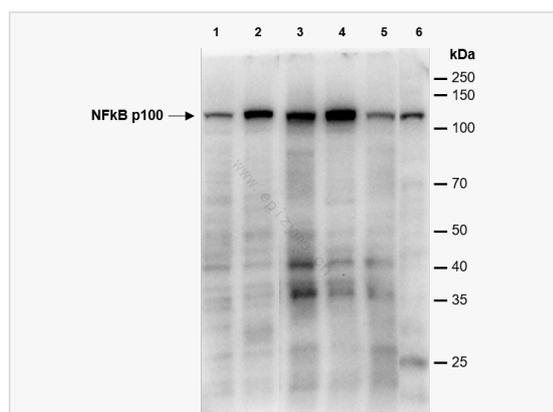
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 97 kDa

Observed band size: 120 kDa

Developed using the ECL technique (Cat. No. SQ201).



Western Blot - Anti-NF-KB p100 Rabbit mAb [32G01L91]

All lanes: R013761 at 1:1,000 dilution

Lane 1: HeLa (human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: MCF7 (human breast adenocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: T24 (human bladder cancer epithelial cell) whole cell lysates

Lane 5: HepG2 (human hepatocellular carcinoma epithelial cell) whole cell lysates

Lane 6: Balb/c mouse lung whole tissue lysates

Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 97 kDa

Observed band size: 120 kDa

Developed using the ECL technique (Cat. No. SQ201).