

Anti-NLK Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

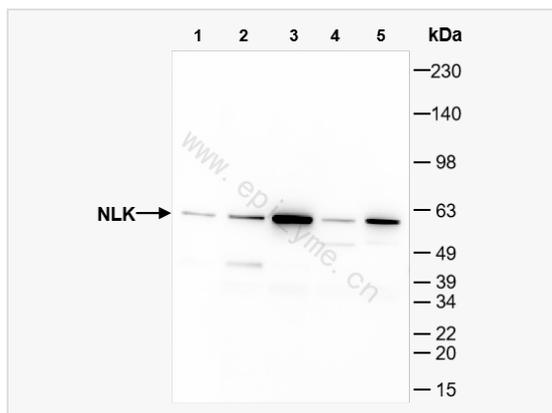
Catalog # R014473

Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	51G94M39
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human NLK
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-NLK Rabbit mAb [51G94M39] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	DKFZp761G1211, FLJ21033, LAK1, Nemo like kinase, Nemo-like kinase, Nlk, NLK_HUMAN, Protein LAK1, Serine/threonine protein kinase NLK, Serine/threonine-protein kinase NLK.
Calculated MW	Calculated MW: 58 kDa; Observed MW: 58 kDa
Uniprot ID	Q9UBE8
Gene ID	51701
Background	Role in cell fate determination, required for differentiation of bone marrow stromal cells. Acts downstream of MAP3K7 and HIPK2 to negatively regulate the canonical Wnt/beta-catenin signaling pathway and the phosphorylation and destruction of the MYB transcription factor.
Cellular Location	Nucleus. Cytoplasm. Predominantly nuclear. A smaller fraction is cytoplasmic.



Western Blot - Anti-NLK Rabbit mAb [51G94M39]

All lanes: R014473 at 1:1,000 dilution

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

Lane 2: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 3: A431 (Human epidermoid teratoma cell line) whole cell lysates

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

Lane 5: U2OS (Human osteosarcoma epithelial cell) whole cell lysates

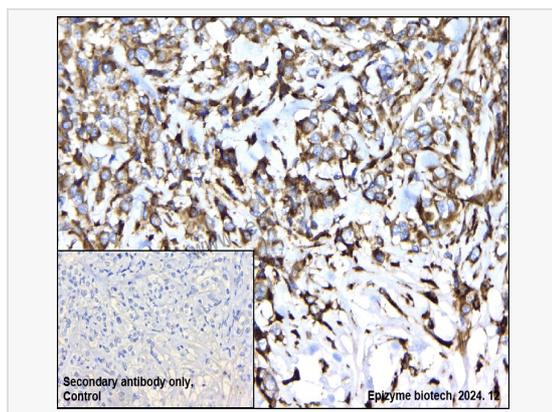
Lysates/proteins at 10 µg per lane.

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

Predicted band size: 58 kDa

Observed band size: 58 kDa

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



Immunohistochemistry - Anti-NLK Rabbit mAb [51G94M39]

Sample: Paraformaldehyde-fixed, paraffin embedded human breast cancer tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R014473 at 1:200 dilution

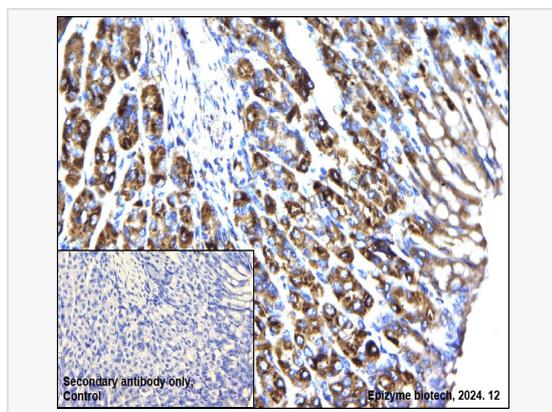
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-NLK Rabbit mAb [51G94M39]

Sample: Paraformaldehyde-fixed, paraffin embedded mouse stomach tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R014473 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.