

Anti-NIK (CT) Antibody

ORDERING INFORMATION

Catalog No.: 1129

Size: 100ug IgG in PBS, 1mg/ml, pH 7.4, 0.02% sodium azide. Purified by immuno-affinity chromatography on the peptide immunogen.

BACKGROUND

Nuclear factor kappa B (NF- κ B) is a ubiquitous transcription factor and an essential mediator of gene expression during activation of immune and inflammatory responses. NF- κ B mediates the expression of a great variety of genes in response to extracellular stimuli including IL-1, TNF α , LPS, and mitogens. A serine/threonine protein kinase which mediates NF- κ B activation by IL-1, TNF α , and CD95 has been identified and designated NIK (for NF- κ B inducing kinase). NIK is an activator of I κ B kinase alpha and beta (IKK α and IKK β). Therefore, NIK is a key molecule in the NF- κ B signaling pathway leading to the expression of a variety of gene products in response to pro-inflammatory cytokines and bacterial products.

SPECIFICATION SUMMARY

Antigen: Synthetic peptide corresponding to aa 931-947 of human NIK (accession no. Q99558).

Host Species: Rabbit

SPECIFICITY

This antibody recognizes human NIK.

APPLICATIONS

ELISA

Immunoblotting

Recommended concentration: 2-4ug/ml.

Optimal dilution should be determined by enduser.

Positive control: Whole cell lysate of NIK-transfected 293 cells.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for 3 months at 4°C and at least 1 year at -20°C. Avoid multiple freeze-thaw cycles.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.