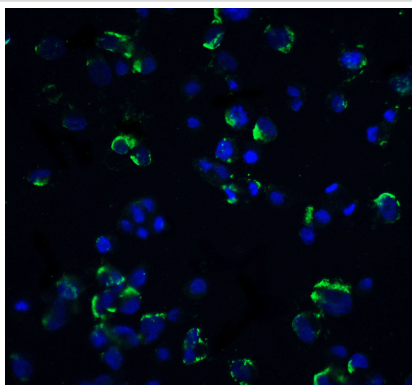


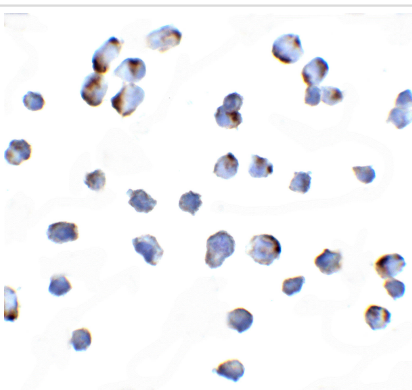
Description

Product Name	NIK Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	DEAE purified
Applications	ELISA WB
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids 931 to 947 of human NIK.
Target Name	NIK
Accession No.	Q99558
Uniprot	Q99558
GeneID	9020;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Images



Immunofluorescence of NIK in 293 cells with NIK antibody at 10 µg/ml.



Immunocytochemistry of NIK in 293 cells with NIK antibody at 10 µg/ml.

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 was identified recently 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 induction of a variety of gene expression in response to proinflammatory cytokines and bacteria products.

Note: This product is for in vitro research use only