**NIK Antibody** 

Catalog No: #24017

Description

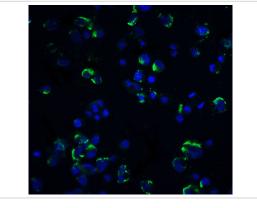


## Orders: order@signalwayantibody.com

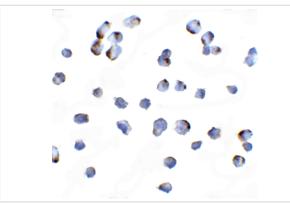
Support: tech@signalwayantibody.com

	Description	
ClonalityPolyclonalPurificationDEAE purifiedApplicationsELISA WBSpecies ReactivityHuImmunogen TypePeptideImmunogen DescriptionRaised against a peptide corresponding to amino acids 931 to 947 of human NIK.Target NameNIKAccession No.Q99558UniprotQ99558GeneID9020;ConcentrationImg/mlFormulationSupplied in PBS containing 0.02% sodium azide.KorageCan be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid	Product Name	NIK Antibody
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Species ReactivityHuImmunogen TypePeptideImmunogen DescriptionRaised against a peptide corresponding to amino acids 931 to 947 of human NIK.Target NameNIKAccession No.Q99558UniprotQ99558GeneID9020;Concentration1mg/mlFormulationSupplied in PBS containing 0.02% sodium azide.StorageCan be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid	Purification	DEAE purified
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	Formulation	Supplied in PBS containing 0.02% sodium azide.
freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures	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  $\mu\text{g/ml}.$ 

## Background

Nuclear factor kappa B (NF-κB) is a ubiquitous transcription factor and an essential mediator of gene expression during activation of immune and inflammatory responses. NF-κB mediates the expression of a great variety of genes in response to extracellular stimuli including IL-1, TNFα, LPS and mitogens. A serine/threonine protein kinase which mediates NF-κB activation by IL-1, TNFα and CD95 was identified recently and designated NIK (for NF-κB inducing kinase). NIK is an activator of IkB kinase alpha and beta (IKKα and IKKβ). Therefore, NIK is a key molecule in the NF-κB 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