M3K14 Monoclonal Antibody

Catalog No	YP-mAb-06463
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	MAP3K14 NIK
Protein Name	Mitogen-activated protein kinase kinase kinase 14 (EC 2.7.11.25) (NF-kappa-beta-inducing kinase) (HsNIK) (Serine/threonine-protein kinase NIK)
Immunogen	Synthesized peptide derived from human protein . at AA range: 90-170
Specificity	M3K14 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	104kD
Cell Pathway	Cytoplasm.
Tissue Specificity	Weakly expressed in testis, small intestine, spleen, thymus, peripheral blood leukocytes, prostate, ovary and colon.
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Lymphotoxin beta-activated kinase which seems to be exclusively involved in the activation of NF-kappa-B and its transcriptional activity. Induces the processing of NF-kappa-B 2/P100. Could act in a receptor-selective manner.,PTM:Autophosphorylated.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Binds to TRAF2, TRAF5, TRAF6, IKKA and NF-kappa-B 2/P100 (By similarity). Interacts with PELI3. Interacts with NIBP; the interaction is direct.,tissue specificity:Weakly expressed in testis, small intestine, spleen, thymus, peripheral blood leukocytes, prostate, ovary and colon.,
Background	This gene encodes mitogen-activated protein kinase kinase kinase 14, which is a serine/threonine protein-kinase. This kinase binds to TRAF2 and stimulates NF-kapMAB activity. It shares sequence similarity with several other MAPKK kinases. It participates in an NF-kapMAB-inducing signalling cascade common to

	receptors of the tumour-necrosis/nerve-growth factor (TNF/NGF) family and to the interleukin-1 type-I receptor. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images