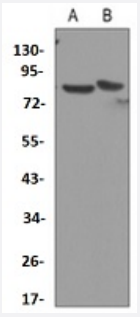
RecomAb™ Sm Size

CHUK recombinant monoclonal antibody

Catalog # RAB09109 Size 50 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Jurkat (A), Hela (B) whole cell lysates with IKK alpha recombinant monoclonal antibody (Cat # RAB09109).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CHUK.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide of human IKK alpha.
Theoretical MW (kDa)	85
Reactivity	Human
Specificity	Recognizes endogenous levels of IKK alpha protein.
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Immunogen affinity chromatography
Isotype	IgG

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Recommend Usage	Immunoprecipitation(1:10-1:50) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of Jurkat (A), Hela (B) whole cell lysates with IKK alpha recombinant monoclonal antibody (Cat # RAB09109).

Gene Info — CHUK

Entrez GeneID	1147
Protein Accession#	O15111
Gene Name	CHUK
Gene Alias	IKBKA, IKK-alpha, IKK1, IKKA, NFKBIKA, TCF16
Gene Description	conserved helix-loop-helix ubiquitous kinase
Omim ID	600664
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the serine/threonine protein kinase family. The encoded protein, a component of a cytokine-activated protein complex that is an inhibitor of the essential transcripti on factor NF-kappa-B complex, phosphorylates sites that trigger the degradation of the inhibitor vi a the ubiquination pathway, thereby activating the transcription factor. [provided by RefSeq
Other Designations	I-kappa-B kinase 1|I-kappa-B kinase-alpha|IKK-a kinase|IkB kinase alpha subunit|Nuclear factor NFkappaB inhibitor kinase alpha|OTTHUMP00000020273|conserved helix-loop ubiquitous kinas e

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Pathway

- Acute myeloid leukemia
- Adipocytokine signaling pathway
- Apoptosis
- B cell receptor signaling pathway
- Chemokine signaling pathway
- Chronic myeloid leukemia
- Epithelial cell signaling in Helicobacter pylori infection
- MAPK signaling pathway
- Pancreatic cancer
- Pathways in cancer
- Prostate cancer
- Small cell lung cancer
- T cell receptor signaling pathway
- Toll-like receptor signaling pathway

Disease

- Alzheimer Disease
- Arthritis
- Asthma
- Atherosclerosis
- Bronchiolitis
- Calcinosis
- Cardiovascular Diseases
- Cerebral Hemorrhage

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- Cleft Lip
- Cleft Palate
- Coronary Artery Disease
- Diabetes Mellitus
- Disease Progression
- Edema
- Fatty Liver
- Genetic Predisposition to Disease
- Hematologic Diseases
- Hepatitis C
- HIV Infections
- Hodgkin Disease
- Hypertension
- Infant
- Intracranial Hemorrhages
- Kidney Failure
- Lymphoma
- Lymphoproliferative Disorders
- Multiple Myeloma
- Occupational Diseases
- Respiratory Syncytial Virus Infections
- Stroke
- Subarachnoid Hemorrhage
- Waldenstrom Macroglobulinemia
- Werner syndrome

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