



IKK alpha mouse mAb

Catalog No	YP-mAb-17682
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CHUK
Immunogen	A synthesized peptide derived from human IKK alpha Purification Affinity Chromatography Conjugation Unconjugated Modification Unmodified Form Liquid
Specificity	
Formulation	
Source	
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	BPS2;IKK1;IKKA;IKBKA;TCF16;NFKBIKA;IKK-alpha;IKKα;SCD1;FADS5;SCDOS;MSTP008;CHUK;Inhibitor of nuclear factor kappa-B kinase subunit alpha;I-kappa-B kinase alpha;IKK-A;IkappaB kinase;Conserved helix-loop-helix ubiquitous kinase;I-kappa-B kinase 1;Nuclear factor NF-kappa-B
Observed Band	Calculated MW: 85 kDa; Observed MW: 85 kDa
Calculated Molecular Weight	Calculated MW: 85 kDa; Observed MW: 85 kDa
Cell Pathway	
Tissue Specificity	
Function	
Background	Plays an essential role in the NF-kappa-B signaling pathway which is activated by multiple stimuli such as inflammatory cytokines, bacterial or viral products, DNA damages or other cellular stresses. Activation of IKK depends upon phosphorylation at Ser177 and Ser181 in the activation loop of IKKβ (Ser176 and Ser180 in IKKα), which causes conformational changes, resulting in kinase activation.

**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