

## Product datasheet for **AM06518SU-N**

### IKK alpha (CHUK) Mouse Monoclonal Antibody [Clone ID: 3G12H9]

#### Product data:

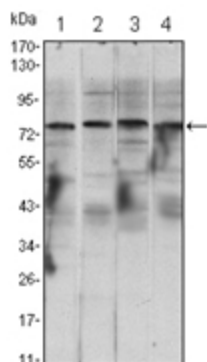
Product Type:	Primary Antibodies
Clone Name:	3G12H9
Applications:	ELISA, FC, IF, WB
Recommended Dilution:	<b>ELISA:</b> 1/10000. <b>Western Blot:</b> 1/500 - 1/2000. <b>Flow Cytometry:</b> 1/200 - 1/400. <b>Immunofluorescence:</b> 1/200 - 1/1000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of Human CHUK expressed in E. Coli.
Specificity:	Recognizes CHUK
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	85 kDa
Gene Name:	conserved helix-loop-helix ubiquitous kinase
Database Link:	<a href="#">Entrez Gene 1147 Human O15111</a>
Background:	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 transcription factor NF-kappa-B complex, phosphorylates sites that trigger the degradation of the inhibitor via the ubiquitination pathway, thereby activating the transcription factor.



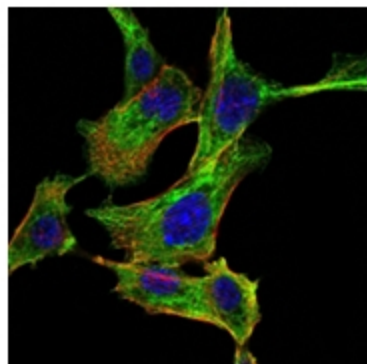
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**Synonyms:** CHUK, TCF16, I kappa-B kinase alpha, IkbKA, IKK-alpha, IKK-A, IkappaB kinase, I-kappa-B kinase 1, NFKB1A, IKK1

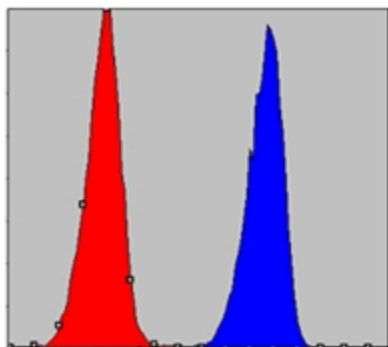
**Product images:**



Western blot analysis using CHUK AM06518SU-N against Raji (1), Jurkat (2), THP-1 (3) and K562 (4) cell lysate.



Immunofluorescence analysis of NIH/3T3 cells using CHUK antibody Cat.-No AM06518SU-N (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of A549 cells using CHUK AM06518SU-N (blue) and negative control (red).