

**IKK alpha monoclonal antibody**

Catalog: MB10386

Host: Rabbit

Reactivity: Human

**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 IKK $\beta$  (Ser176 and Ser180 in IKK $\alpha$ ), which causes conformational changes, resulting in kinase activation.

**Product:**

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

**Molecular Weight:**

Calculated MW: 85 kDa; Observed MW: 85 kDa

**Swiss-Prot:**

O15111

**Purification&Purity:**

Affinity Purified

**Applications:**

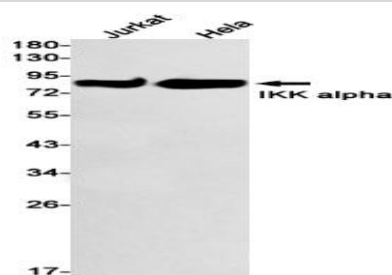
WB: 1/500-1/1000 IP: 1/20

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:**

Western blot analysis of IKK alpha in Jurkat, HeLa lysates using IKK alpha antibody.

**Note:**

For research use only, not for use in diagnostic procedure.

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