

IKBKE Ab

[Images\(1\)](#)

Cat.#: BF0547 Concn.: ~1mg/ml Mol.Wt.: 80kDa
Size: Source: Mouse Clonality: Monoclonal

Application: ELISA 1:10000, WB 1:500-1:2000
*The optimal dilutions should be determined by the end user.

Reactivity: Human,Monkey

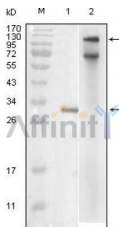
Storage: Mouse IgG1 in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

Immunogen: Purified recombinant fragment of human IKBKE expressed in E. Coli.

Uniprot: Q14164

Description: Inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase epsilon. The transcription factor NF κ B is retained in the cytoplasm in an inactive form by the inhibitory protein I κ B. Activation of NF κ B requires that I κ B be phosphorylated on specific serine residues, which results in targeted degradation of I κ B. I κ B kinase (IKK), previously designated CHUK, interacts with I κ B and specifically phosphorylates I κ B on the sites that trigger its degradation, serines 32 and 36. The functional IKK complex contains three subunits, IKK α , IKK β and IKK γ (also designated NEMO), and each appear to make essential contributions to I κ B phosphorylation. IKK-i is a serine/threonine kinase that shares homology with IKK α and IKK β .



Western blot analysis using IKBKE mouse mAb against truncated IKBKE recombinant protein (1) and full-length IKBKE(aa1-716)-hIgGFc transfected COS7 cell lysates (2).

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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