

## IKK BETA RABBIT MAB

**Cat.#:** N262397

**Product Name:** Anti-IKK beta Rabbit Monoclonal Antibody

**Synonyms:** IKBKB; IKKB; Inhibitor of nuclear factor kappa-B kinase subunit beta; I-kappa-B-kinase beta; IKK-B; IKK-beta; Ikbkb; I-kappa-B kinase 2; IKK2; Nuclear factor NF-kappa-B inhibitor kinase beta; NFKBKB

**UNIPROT ID:** O14920

**Background:** The NF- $\kappa$ B/Rel transcription factors are present in the cytosol in an inactive state, complexed with the inhibitory I $\kappa$ B proteins (1-3). Most agents that activate NF- $\kappa$ B do so through a common pathway based on phosphorylation-induced, proteasome-mediated degradation of I $\kappa$ B (3-7). The key regulatory step in this pathway involves activation of a high molecular weight I $\kappa$ B kinase (IKK) complex whose catalysis is generally carried out by three tightly associated IKK subunits.

**Immunogen:** A synthetic peptide of human IKK beta

**Applications:** WB,ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R01-9H6

**MW:** Calculated MW: 87 kDa; Observed MW: 87 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human,Mouse,Rat

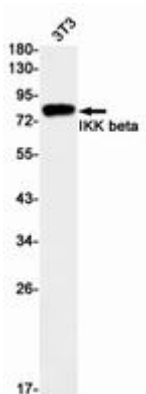
**Conjugation:** Unconjugated

**Modification:** Unmodified

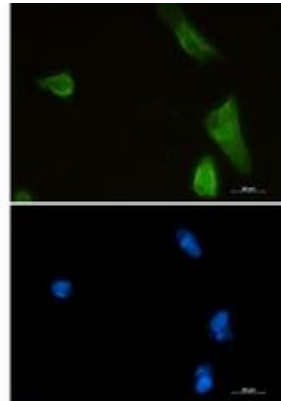
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Signal Transduction

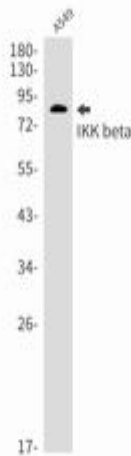
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of IKK beta in 3T3 lysates using IKK beta antibody



Immunocytochemistry analysis of IKK beta (green) in U87-MG using IKK beta antibody, and DAPI (blue).



Western blot analysis of IKK beta in A549 lysates using IKK beta antibody.