

**IKK beta monoclonal antibody**

Catalog: MB11096

Host: Rabbit

Reactivity: Human, Mouse, Rat

**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.

**Product:**

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

**Molecular Weight:**

Calculated MW: 87 kDa; Observed MW: 87 kDa

**Swiss-Prot:**

O14920

**Purification&Purity:**

Affinity Purified

**Applications:**

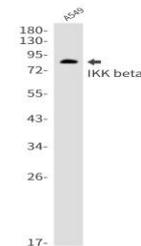
WB: 1/500-1/1000 IF: 1/50-1/200

**Storage&Stability:**

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

**Isotype:**

IgG

**DATA:**

Immunocytochemistry analysis of IKK beta in U87-MG using IKK beta antibody, and DAPI.

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

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

**Note:**

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

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