

Product datasheet for **TA346977**

IKK beta (IKBKB) Mouse Monoclonal Antibody [Clone ID: 1C3-B11-B12]

Product data:

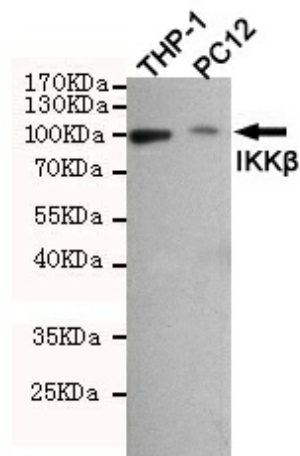
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|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | 1C3-B11-B12 |
| Applications: | WB |
| Recommended Dilution: | WB: 1:500 |
| Reactivity: | Human, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | The immunogen for IKBKB antibody: purified recombinant human IKK β protein fragments expressed in E.coli. |
| Formulation: | Purified mouse monoclonal antibody in PBS(pH 7.4) containing with 0.03% Proclin300 and 50% glycerol. |
| Purification: | Affinity purified |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 87 kDa |
| Gene Name: | inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta |
| Database Link: | NP_001547 Entrez Gene 84351 Rat Entrez Gene 3551 Human O14920 |
| Background: | The protein encoded by this gene phosphorylates the inhibitor in the inhibitor/NF-kappa-B complex, causing dissociation of the inhibitor and activation of NF-kappa-B. The encoded protein itself is found in a complex of proteins. Several transcript variants, some protein-coding and some not, have been found for this gene. |
| Synonyms: | IKK-beta; IKK2; IKKB; IMD15; NFKBIKB |
| Protein Families: | Druggable Genome, Protein Kinase, Transcription Factors |



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Protein Pathways:

Acute myeloid leukemia, Adipocytokine signaling pathway, Apoptosis, B cell receptor signaling pathway, Chemokine signaling pathway, Chronic myeloid leukemia, Cytosolic DNA-sensing pathway, Epithelial cell signaling in Helicobacter pylori infection, Insulin signaling pathway, MAPK signaling pathway, Neurotrophin signaling pathway, NOD-like receptor signaling pathway, Pancreatic cancer, Pathways in cancer, Prostate cancer, RIG-I-like receptor signaling pathway, Small cell lung cancer, T cell receptor signaling pathway, Toll-like receptor signaling pathway, Type II diabetes mellitus

Product images:

Western blot detection of IKK β in THP-1 and PC12 cell lysates using IKK β mouse mAb (1:500 diluted). Predicted band size: 87KDa. Observed band size: 87KDa.