



# Phospho-IKK alpha (Thr23) mouse mAb

|                    |  |
|--------------------|--|
| Catalog No         | BYmab-17826  |
| Isotype            | IgG  |
| Reactivity         | Human,Mouse,Rat  |
| Applications       | WB   |
| Gene Name          | CHUK   |
| Protein Name       |  |
| Immunogen          | Synthetic peptide of human CHUK  |
| Specificity        |  |
| Formulation        |  |
| Source             |  |
| Purification       | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.   |
| Dilution           | WB 1:500-2000  |
| Concentration      | 1 mg/ml  |
| Purity             | ≥90%   |
| Storage Stability  | -20°C/1 year   |
| Synonyms           | CHUK; IKKA; TCF16; Inhibitor of nuclear factor kappa-B kinase subunit alpha; I-kappa-B kinase alpha; IKK-A; IKK-alpha; IkbKA; IkappaB kinase; Conserved helix-loop-helix ubiquitous kinase; I-kappa-B kinase 1; IKK1; Nuclear factor NF-kappa-B  |
| Observed Band      | Calculated MW: 85 kDa; Observed MW: 85 kDa   |
| Cell Pathway       |  |
| Tissue Specificity |  |
| Function           |  |
| 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 |

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activation.

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images

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