

Recombinant Phospho-IKB alpha (Ser32, Ser36) Monoclonal Antibody

catalog number: AN302083L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human;Rat;Mouse

Immunogen Recombinant human IKB alpha (phospho S32/36) fragment

Host Rabbit Isotype lgG, κ Clone A807

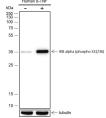
Purification Protein Apurified

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

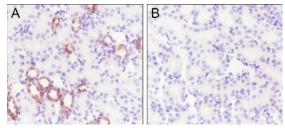
1:500-1:2000 **WB** 1:50-1:100 IHC

Data

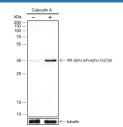


Western Blot with Phospho-IKB alpha (Ser32, Ser36) Monoclonal Antibody at dilution of 1:2000. (-): HeLa, (+): HeLa+ Human α-TNF (20ng/ml, 30min)

> Observed-MW:36 kDa Calculated-MW:36 kDa

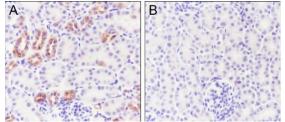


Immunohistochemistry of paraffin-embedded (A) Rat kidney. (B) Rat kidney, then the tissue was incubated with alkaline phosphatase (50U/ml) at 37°C for 1 hour using Phospho-IKB with alkalinephosphatase (50 U/ml) at 37°C for 1 hour using alpha (Ser32, Ser36) Monoclonal Antibody at dilution of 1:100.



Western Blot with Phospho-IKB alpha (Ser32, Ser36) Monoclonal Antibody at dilution of 1:2000. (-): C6, (+): C6+ Calyculin A (100nM, 30min)

> Observed-MW:36 kDa Calculated-MW:36 kDa



Immunohistochemistry of paraffin-embedded (A) Mouse kidney, (B) Mouse kidney, then the tissue was incubated Phospho-IKB alpha (Ser32, Ser36) Monoclonal Antibody at dilution of 1:100.

Rev. V1.1

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

For Research Use Only

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NF-kappa-B inhibitor alpha (IKB alpha) inhibits the activity of dimeric NF-kappa-B/REL complexes by trapping REL dimers in the cytoplasm through masking of their nuclear localization signals. On cellular stimulation by immune and proinflammatory responses, IKB alpha becomes phosphorylated promoting itself ubiquitination and degradation, enabling the dimeric RELA to translocate to the nucleus and activate transcription.

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 Rev. V1.1