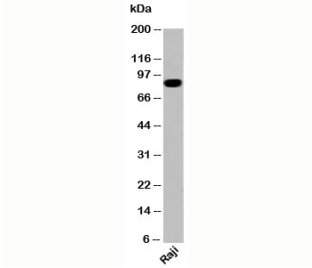
# IKKb Antibody [clone IKB355] (N1030)

| Catalog No. | Formulation | Size |
|---|---|---|
| N1030-100UG | 0.5 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Species Reactivity** | Human, Mouse |
| **Format** | Purified |
| **Host** | Mouse |
| **Clonality** | Monoclonal (mouse origin) |
| **Isotype** | Mouse IgG1, kappa |
| **Clone Name** | IKB355 |
| **Purity** | Protein G purified antibody |
| **Buffer** | 1X PBS, pH 7.4 |
| **Gene ID** | 3551 |
| **Applications** | Western Blot : 2-4ug/ml |
| **Limitations** | This **IKKb antibody** is available for research use only. |




Western blot testing of human samples with IKKb antibody IKB355 at 2ug/ml.

## Description

NF-kB is sequestered in the cytoplasm by IkBa, unable to translocate to the nucleus. IkB is part of the canonical pathway for NF-kB activation. IKKb is part of the IkB kinase complex, along with a second catalytic subunit, IKKa, and a regulatory subunit, IKKg. Along with IKKa, IKKb phosphorylates IkBa leading to its degradation and release of inhibition of NF-kB. The RELA subunit of active NF-kB is then free to enter the nucleus and initiate a number of signaling cascades.

## Application Notes

Provided assay concentrations are suggestions only, IKKb antibody titration may be required for optimal results.

## Immunogen

A recombinant protein fragment of IKKb was used as the immunogen for this antibody.

## Storage

Aliquot the IKKb antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

## Alternate Names

I kappa B kinase beta, IKK2, IKBKB, IMD15, NFKBIKB


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