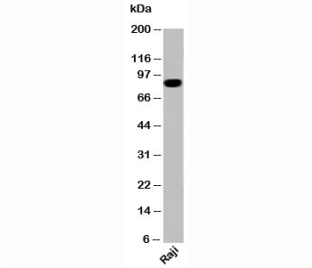
IKKb Antibody [clone IKB355] (N1030)

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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