

## Mouse Monoclonal Antibody to NFKBIB

Catalogue Number	sAP-0435
Target Molecule	<b>Name:</b> NFKBIB <b>Aliases:</b> IKBB; TRIP9; NFKBIB <b>MW:</b> 45kDa <b>Entrez Gene ID:</b> 4793
Description	Inhibits NF-kappa-B by complexing with and trapping it in the cytoplasm. However, the unphosphorylated form resynthesized after cell stimulation is able to bind NF-kappa-B allowing its transport to the nucleus and protecting it to further IKBA-dependent inactivation. Association with inhibitor kappa B-interacting NKIRAS1 and NKIRAS2 prevent its phosphorylation rendering it more resistant to degradation, explaining its slower degradation. Tissue specificity: Expressed in all tissues examined.
Immunogen	Purified recombinant fragment of human NFKBIB expressed in E. Coli.
Reactive Species	Human
Clone	MM7B4;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Mol Cell Biol. 2004 Apr;24(7):3048-56. ; 2. J Biol Chem. 2004 Oct 15;279(42):44030-8. ; 3. J Bone Miner Res. 2009 Dec;24(12):2039-49.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**