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**Product Name: IKB beta (3H3) Mouse Monoclonal Antibody****Catalog #: AMM00781**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	IHC
<b>Reactivity</b>	Human,Rat,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	IHC 1:50-1:100
<b>Molecular Weight</b>	-

**Antigen Information**

<b>Gene Name</b>	NFKB1B
<b>Alternative Names</b>	NFKB1B; IKBB; TRIP9; NF-kappa-B inhibitor beta; NF-kappa-BIB; I-kappa-B-beta; Ikb-B; Ikb-beta; IkappaBbeta; Thyroid receptor-interacting protein 9; TR-interacting protein 9; TRIP-9
<b>Gene ID</b>	4793
<b>SwissProt ID</b>	Q15653
<b>Immunogen</b>	A synthetic peptide of human IKB beta

**Background**

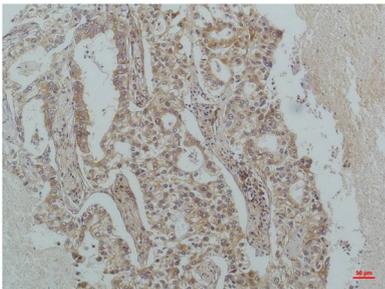
IKB-beta a protein of the NF-kappa-B inhibitor family. Inhibits NF-kappa-B by complexing with and trapping it in the cytoplasm.

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.

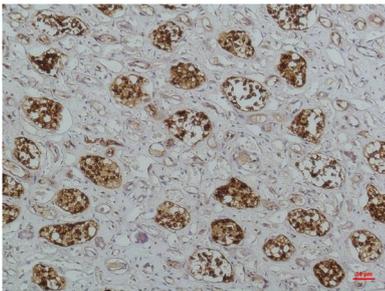
## Research Area

Signal Transduction

## Image Data



Immunohistochemistry analysis of paraffin-embedded Human Lung Carcinoma using IKB beta (3H3) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemical analysis of paraffin-embedded Human tonsils using IKB beta (3H3) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.