

Product name:	IKB beta Rabbit Monoclonal Antibody
Cat number:	MABN02145
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide of human IKB beta
Reactivity:	Human, Mouse
Applications:	WB 1:500-1:1000, IHC 1:50-1:100, IP 1:20-1:50
Molecular Weight:	Calculated MW: 38 kDa; Observed MW: 48 kDa
Purification:	Affinity Purification
Form:	Liquid
Buffer:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	IKB-beta is a protein of the NF-kappa-B inhibitor family. It 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 from further IKBA-dependent inactivation.