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anti-NFKBIB antibody (pSer23)

2 Images



Go to Product page

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Target:

Alternative Name:

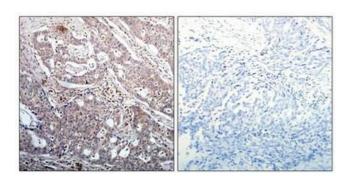
Quantity:	100 μL
Target:	NFKBIB
Binding Specificity:	pSer23
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFKBIB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)
Product Details	
Immunogen:	Peptide sequence around phosphorylation site of serine 23 (L-G-S(p)-L-G) derived from Human
	IkB-b.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH
	conjugates. Antibodies were purified by affinity-chromatography using epitope-specific
	phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy usi
Target Details	

NFKBIB

NFKBIB (NFKBIB Products)

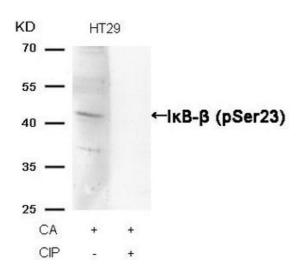
Target Details

Background:	Background:
	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.
	Shirane, M. et al. (1999) J Biol Chem 274, 28169-28174.
	DiDonato J, et al. (1996) Mol Cell Biol 16(4): 1295-304
	Aliases: I kappa B beta antibody, I-kappa-B-beta antibody, IkappaBbeta antibody, IKB beta
	antibody, IkB-B antibody, IkB-beta antibody, IKBB antibody, IKBB_HUMAN antibody, IkBbeta
	antibody, NF kappa BIB antibody, NF-kappa-B inhibitor beta antibody, NF-kappa-BIB antibody,
	Nfkbib antibody, Thyroid receptor interacting protein 9 antibody, Thyroid receptor-interacting
	protein 9 antibody, TR interacting protein 9 antibody, TR-interacting protein 9 antibody, TRIP-9
	antibody, TRIP9 antibody
UniProt:	Q15653
Pathways:	NF-kappaB Signaling, Activation of Innate immune Response, Maintenance of Protein Location,
	Toll-Like Receptors Cascades
Application Details	
Application Notes:	WB:1:500-1:1000, IHC:1:50-1:100,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM
	NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffinembedded human breast carcinoma tissue using IkBb(Phospho-Ser23) Antibody(left) or the same antibody preincubated with blocking peptide(right).



Western Blotting

Image 2. Western blot analysis of extracts from HT29 cells, treated with CA or calf intestinal phosphatase (CIP), using I κ B- β (Phospho-Ser23) Antibody.