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10-6609: Mouse Monoclonal Antibody to IKK beta (Clone: 62AT216)(Discontinued)

Clonality :	Monoclonal
Clone Name :	62AT216
Application :	WB
Reactivity :	Human
Gene :	IKBKB
Gene ID :	3551
Uniprot ID :	O14920
Format :	Purified
Alternative Name :	Inhibitor of nuclear factor kappa-B kinase subunit beta, I-kappa-B-kinase beta, IKK-B, IKK-beta, IkBKB, I-kappa-B kinase 2, IKK2, Nuclear factor NF-kappa-B inhibitor kinase beta, NFKBIKB, IKBKB, IKKB
Isotype :	Mouse IgG1
Immunogen Information :	Recombinant Protein

Description

NFKB1 (MIM 164011) or NFKB2 (MIM 164012) is bound to REL (MIM 164910), RELA (MIM 164014), or RELB (MIM 604758) to form the NFKB complex. The NFKB complex is inhibited by I-kappa-B proteins (NFKBIA, MIM 164008, or NFKBIB, MIM 604495), which inactivate NF-kappa-B by trapping it in the cytoplasm. Phosphorylation of serine residues on the I-kappa-B proteins by kinases (IKBKA, MIM 600664, or IKBKB) marks them for destruction via the ubiquitination pathway, thereby allowing activation of the NF-kappa-B complex. Activated NFKB complex translocates into the nucleus and binds DNA at kappa-B-binding motifs such as 5-prime GGGRNNYYCC 3-prime or 5-prime HGGARNYYCC 3-prime (where H is A, C, or T; R is an A or G purine; and Y is a C or T pyrimidine).

Product Info

Amount :	80 µl / 400 µl
Purification :	Protein G Chromatography
Content :	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage condition :	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles.

Application Note

WB~1:100~4000

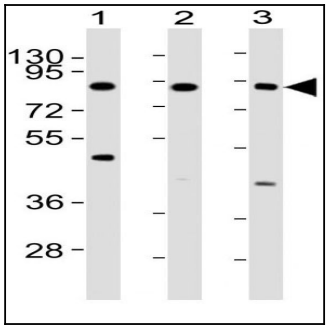

Figure 1: All lanes : Anti-IKK beta Antibody (10-6609) at 1:4000 dilution with Lane 1: HL-60 whole cell lysates, Lane 2: Hela whole cell lysates, Lane 3: Jurkat whole cell lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 87 kDa.

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Figure 2: All lanes : Anti-IKK beta Antibody at 1:4000 dilution Lane 1: HL-60 whole cell lysates, Lane 2: Hela whole cell lysates, Lane 3: Jurkat whole cell lysates, Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 87 kDa Blocking/Dilution buffer: 5% NFDM/TBST.