

Product Datasheet

Phospho-NFKB p65 (Ser536) Rabbit Polyclonal Antibody (orb6504)

Catalog Number	orb6504
Category	Antibodies
Description	Phospho-NFKB p65 (Ser536) Rabbit Polyclonal Antibody
Target	RELA
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Mouse
Predicted Reactivity	Human, Monkey, Rat
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated Synthesised phosphopeptide derived from human NFKBp65 around the phosphorylation site of Ser536 FS(p-S)IA
UniProt ID	Q04206

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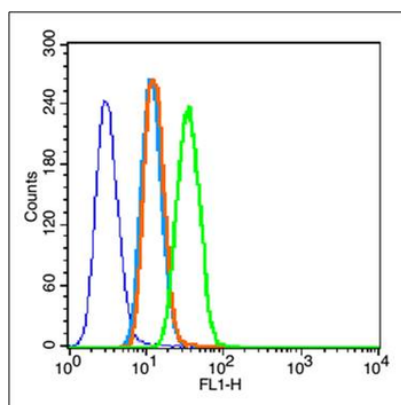
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RRID	AB_10930064
MW	61 kDa
Tested applications	WB
Dilution range	WB=1:500-2000
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Blank control (blue line): Hela (blue). Primary Antibody (green line): Rabbit Anti-phospho-NFKB p65 (Ser536) antibody (orb6504), dilution: 1 $\mu\text{g}/10^6$ cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody (white blue line): Goat anti-rabbit IgG-FITC, dilution: 1 $\mu\text{g}/\text{Test}$. Protocol, The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 0.1% PBS-Tween for 20 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The cells were then incubated in 1X PBS/2% BSA/10% goat serum to block non-specific protein-protein interactions followed by the antibody for 15 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.

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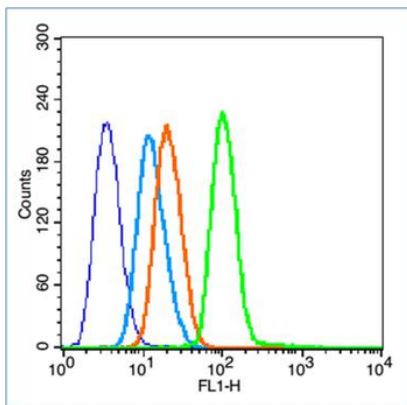
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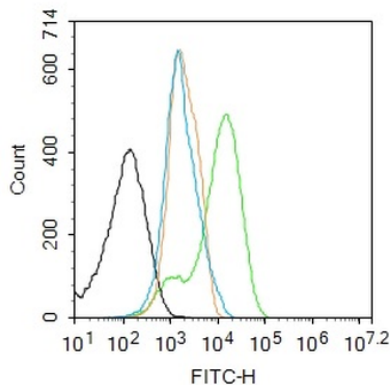
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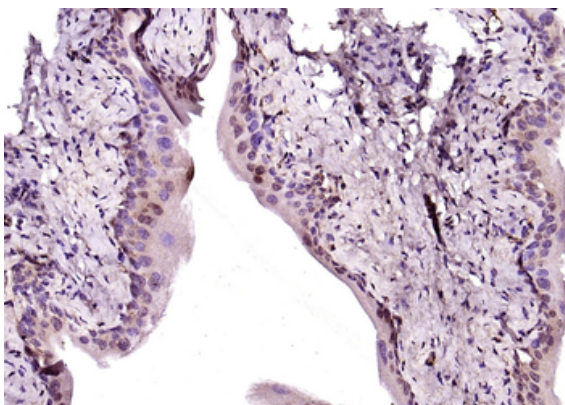
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Blank control (blue line): HL60 (blue). Primary Antibody (green line): Rabbit Anti-phospho-NFKB p65 (Ser536) antibody (orb6504), dilution: 1 $\mu\text{g}/10^6$ cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody (white blue line): Goat anti-rabbit IgG-FITC, dilution: 1 $\mu\text{g}/\text{Test}$. Protocol, The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 0.1% PBS-Tween for 20 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The cells were then incubated in 1X PBS/2% BSA/10% goat serum to block non-specific protein-protein interactions followed by the antibody for 15 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



Blank control: HL-60. Primary Antibody (green line): Rabbit Anti-phospho-NFKB p65 (Ser536) antibody (orb6504), dilution: 1 $\mu\text{g}/10^6$ cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-FITC, dilution: 1 $\mu\text{g}/\text{Test}$. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C . The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



Paraformaldehyde-fixed, paraffin embedded (mouse bladder), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (phospho-NFKB p65 (Ser536)) Polyclonal Antibody, Unconjugated (orb6504) at 1:200 overnight at 4°C , followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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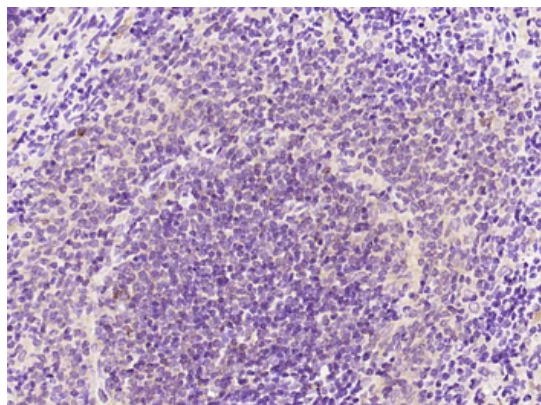
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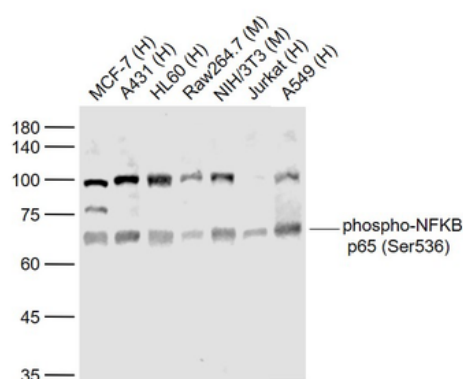
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Paraformaldehyde-fixed, paraffin embedded (rat spleen), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (phospho-NFkB p65 (Ser536)) Polyclonal Antibody, Unconjugated (orb6504) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Sample: Lane 1: MCF-7 (Human) Cell Lysate at 30 ug, Lane 2: A431 (Human) Cell Lysate at 30 ug, Lane 3: HL60 (Human) Cell Lysate at 30 ug, Lane 4: Raw264.7 (Mouse) Cell Lysate at 30 ug, Lane 5: NIH/3T3 (Mouse) Cell Lysate at 30 ug, Lane 6: Jurkat (Human) Cell Lysate at 30 ug, Lane 7: A549 (Human) Cell Lysate at 30 ug, Primary: Anti-phospho-NFkB p65 (Ser536) (orb6504) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 65 kD, Observed band size: 65 kD.

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