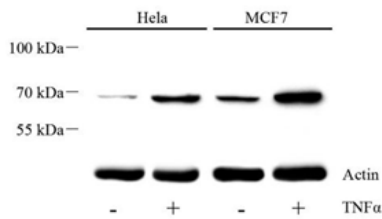
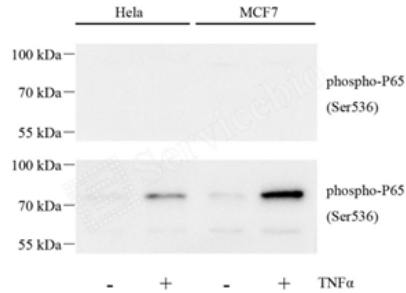


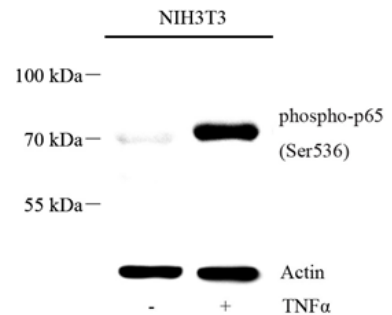
Product name:	Anti-Phospho- NF-kB p65 (S536) Rabbit pAb
Cat number:	ABS113882
Conjugate:	unconjugated
Size:	100 µL
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	KLH conjugated Synthetic phosphopeptide corresponding to Human NF-kB p65 (S536)
Reactivity:	Human, Mouse, Rat
Applications:	WB 1: 300-1: 600
Molecular Weight:	70 kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Background:	Nuclear factor k B (NF-kB) is a sequence-specific DNA-binding protein complex which regulates the expression of viral genomes, including the human immunodeficiency virus, and a variety of cellular genes, particularly those involved in immune and inflammatory responses. The members of the NF-kB family in mammalian cells include the proto-oncogene c-Rel, p50/p105 (NFkB1), p65 (RelA), p52/p100 (NFkB2), and RelB. All of these proteins share a conserved 300-amino acid region known as the Rel homology domain which is responsible for DNA binding, dimerization, and nuclear translocation of NF-kB. The p65 subunit is a major component of NF-kB complexes and is responsible for trans-activation. NF-kB heterodimeric p65-p50 and p65-c-Rel complexes are transcriptional activators.



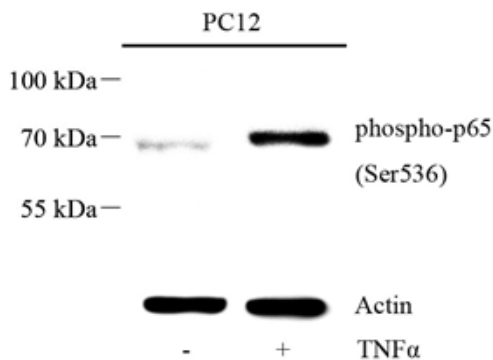
Western blot analysis of phospho-p65 at dilution of 1: 600 Lane1: HeLa untreated Lane2: HeLa treated with 20ng/mL TNF α for 20min, whole cell lysate Lane3: MCF7 untreated Lane4: MCF7 treated with 20ng/ml TNF α for 20min, whole cell lysate



Western blot analysis of phospho-p65 at dilution of 1: 600 Lane1: HeLa untreated Lane2: HeLa treated with 20ng/mL TNF α for 20min, whole cell lysate Lane3: MCF7 untreated Lane4: MCF7 treated with 20ng/ml TNF α for 20min, whole cell lysate The figure above was treated with phospho-blocking peptide, the figure below was treated with non-phospho- blocking peptide



Western blot analysis of Phospho-NF- κ Bp65 GB113882 at dilution of 1: 300 Lane1: NIH/3T3 untreated Lane2: NIH/3T3 treated with 40ng/mL TNF α for 20min



Western blot analysis of Phospho-NF- κ Bp65 GB113882 at dilution of 1: 300 Lane1: PC12 untreated Lane2: PC12 treated with 40ng/mL TNF α for 20min