

Allgemeine Informationen

Katalog-Nr.: CL594-66535	GenBank-Zugangsnummer: BC011603	Reinigungsmethode: Protein-G-Reinigung
Größe: 100ul , Konzentration: 1000 µg/ml von5970 Nanodrop;	GeneID (NCBI): 5970	CloneNo.: 1B12D11
Wirt: Maus	Vollständiger Name: v-rel reticuloendotheliosis viral oncogene homolog A (avian)	Empfohlene Verdünnungen: IF 1:50-1:500
Isotyp: IgG1	Berechnete Masse: 65 kDa	Anregungs-/Emissionsmaxima- Wellenlängen: 588 nm / 604 nm
Immunogen Katalognummer: AG1199	Beobachtete Masse: 65 kDa	

Anwendungen

Geprüfte Anwendungen: IF	Positivkontrollen: IF : HepG2-Zellen,
Getestete Reaktivität: Human, Ratte	

Hintergrundinformationen

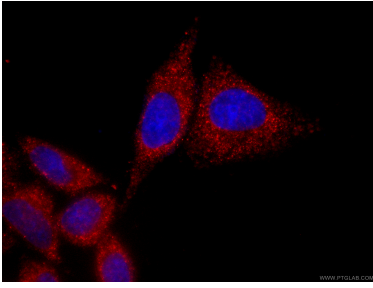
Nuclear factor κ B (NF- κ B) is a sequence-specific DNA-binding protein complex which regulates the expression of viral genomes, including the human immunodeficiency virus, and a variety of cellular genes, particularly those involved in immune and inflammatory responses. The members of the NF- κ B family in mammalian cells include the proto-oncogene c-Rel,p50/p105 (NF κ B1), p65 (RelA), p52/p100 (NF κ B2), 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- κ B. The p65 subunit is a major component of NF- κ B complexes and is responsible for trans-activation. NF- κ B heterodimeric p65-p50 and p65-c-Rel complexes are transcriptional activators. The NF- κ B p65-p65 complex appears to be involved in invasion-mediated activation of IL-8 expression. The inhibitory effect of I- κ B upon NF- κ B the cytoplasm is exerted primarily through the interaction with p65. p65 shows a weak DNA-binding site which could contribute directly to DNA binding in the NF- κ B complex. It associates with chromatin at the NF- κ B promoter region via association with DDX1.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

Ausgewählte Validierungsdaten



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CL594-66535 (NF-κB p65 antibody) at dilution of 1:100.