bs-12918R

## [ Primary Antibody ]

## phospho-C-REL (Ser503) Rabbit pAb

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DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

**GenelD: 5966 SWISS:** Q04864

Target: C-REL (Ser503)

Immunogen: KLH conjugated synthesised phosphopeptide derived from human

C-REL around the phosphorylation site of Ser503: TS(p-S)DS.

**Purification:** affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: The REL gene encodes c-Rel, a transcription factor that is a member of the Rel/NFKB family, which also includes RELA (MIM 164014), RELB (604758), NFKB1 (MIM 164011), and NFKB2 (MIM 164012). These proteins are related through a highly conserved Nterminal region termed the 'Rel domain,' which is responsible for DNA binding, dimerization, nuclear localization, and binding to the NFKB inhibitor (MIM 164008) (Belguise and Sonenshein, 2007

[PubMed 18037997]).[supplied by OMIM, May 2008].

Applications: WB (1:500-2000)

Flow-Cyt (2ug/Test)

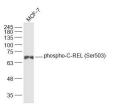
Reactivity: Human

Predicted

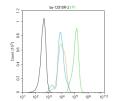
69 kDa MW.:

Subcellular Nucleus

## VALIDATION IMAGES



Sample: MCF-7(Human) Cell Lysate at 30 ug Primary: Anti-phospho-C-REL (Ser503) (bs-12918R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 69 kD Observed band size: 69 kD



Blank control (black line) :Hela, Primary Antibody (green line): Rabbit Anti-phospho-C-REL (Ser503) antibody (bs-12918R) Dilution:2ug/Test; Secondary Antibody (white blue line) : Goat anti-rabbit IgG-FITC Dilution: 0.5ug/Test. Isotype control (orange line): Normal Rabbit IgG Protocol The cells were fixed with 4% PFA (10min 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 20,000 events was performed.

## - SELECTED CITATIONS -

• [IF=3.23] Lee E-J, Lee SJ, Kim J-H, Kim K-J, Yang S-H, Jeong K-Y, et al. (2016) Radiation Inhibits Interleukin-12 Production via Inhibition of C-Rel through the Interleukin-6/ Signal Transducer and Activator of Transcription 3 Signaling Pathway in Dendritic Cells. PLoS ONE 11(1): e0146463. WB; Mouse. 26745884