

## NFκB-p65 (phospho-S529) polyclonal antibody

Catalog: BS4137

Host: Rabbit

Reactivity: Human

### Background:

p65 is a subunit of the nuclear factor kappa B. The transcription factor NFκB is widely recognized as a critical mediator of immune and inflammatory responses. In most cell types, NFκB is found in the cytoplasm where it is associated with an inhibitory protein in many tissues. A high proportion of spontaneous NIH/3T3 transformants over-express c-Met and by transfection analysis the c-Met proto-oncogene has been shown to exhibit transforming activity.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 75 kDa

### Swiss-Prot:

Q04206

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:100~1:200

IP: 1:50~1:200

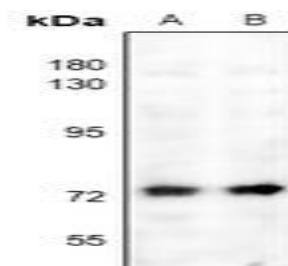
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

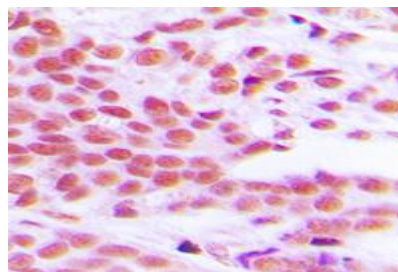
### Specificity:

p-NFκB-p65 (S529) polyclonal antibody detects endogenous levels of NFκB-p65 protein only when phosphorylated at Ser529

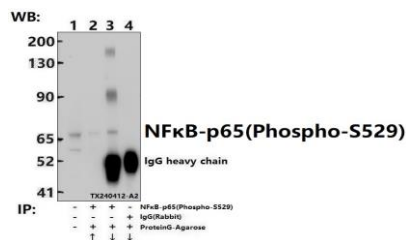
### DATA:



Western blot analysis of NF-kappaB p65 (pS529) expression in A2780 (A), A549 (B) whole cell lysates.



Immunohistochemical analysis of NF-kappaB p65 (pS529) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunoprecipitation of Jurkat (Calyculin A 50nM, 30min) cell lysates using NFκB-p65 (phospho-S529) pAb (Sepharose Bead Conjugate)#BD0048 (lane 2 and lane 3) and Nonspecific IgG Control (Sepharose Bead Conjugate)#BD0048 (lane 4). Lane 1 is 30% input. The western blot was probed using NFκB-p65 (phospho-S529) pAb.

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## PRODUCT DATA SHEET

Bioworld Technology, Inc.

Note:

For research use only, not for use in diagnostic procedure.

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