

# RelB (Phospho Ser551) Antibody APC Conjugated

Catalog No: #C92911APC

Package Size: #C92911APC 100ul

## Description

|                       |                                                                                                                        |
|-----------------------|------------------------------------------------------------------------------------------------------------------------|
| Product Name          | RelB (Phospho Ser551) Antibody APC Conjugated                                                                          |
| Host Species          | Rabbit                                                                                                                 |
| Clonality             | Polyclonal                                                                                                             |
| Purification          | affinity purified by Protein A                                                                                         |
| Species Reactivity    | (predicted: Human, Mouse, Rat)                                                                                         |
| Specificity           | The antibody detects endogenous level of RelB only when phosphorylated at Ser551                                       |
| Immunogen Type        | Peptide                                                                                                                |
| Immunogen Description | KLH conjugated Synthesised phosphopeptide derived from human RelB around the phosphorylation site of Ser551: TA(p-S)LV |
| Conjugates            | APC                                                                                                                    |
| Target Name           | I REL; IREL;                                                                                                           |
| Calculated MW         | Predicted band size: 64 kDa                                                                                            |
| Formulation           | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.                                                      |
| Storage               | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.                                        |

## Background

The NFkB complex consists of NFkB1 or NFkB2 bound to REL, RELA, or RELB. The NFkB complex is inhibited by I kappa B proteins (NFKBIA, or NFKBIB), which inactivate NF kappa B by trapping it in the cytoplasm. Phosphorylation of serine residues on the I kappa B proteins by kinases (IKBKA, or IKBKB,) marks them for destruction via the ubiquitination pathway, thereby allowing activation of the NF kappa B complex.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.