

## bs-2907R-Cy5

### • Rabbit Anti- IKK alpha Polyclonal Antibody, Cy5 conjugated

Conjugated Primary Antibodies

#### Background:

Nuclear factor kappa B (NFkB) is a ubiquitous transcription factor and an essential mediator of gene expression during activation of immune and inflammatory responses. IκBα mediates the expression of a great variety of genes in response to extracellular stimuli including IL1, TNF alpha, and bacterial product LPS. NFkB is associated with IκB proteins in the cell cytoplasm, which inhibit IκBα activity. IKK is a serine protein kinase, and the IKK complex contains alpha and beta subunits (IKK alpha and IKK beta). IKK alpha and IKK beta interact with each other and both are essential for NFkB activation. IKK alpha specifically phosphorylates IκBα. IKKα is expressed in variety of human tissues.

**Purification:** Was purified by Protein A and peptide affinity chromatography.

#### Storage:

Prepared as lyophilized powder or liquid and shipped on ice. Store at -20°C for one year. Protect from light.

#### Reconstitution:

If the antibody is in liquid form, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Please refer to the reconstitution instruction card in the package.

**Size:** 100ul or 100ug lyophilized

**Concentration:** 1ug/uL

**Host:** Rabbit

#### Reactivities:

Human, Mouse, Rat, Dog, Horse,

#### Application:

- IF(1:100-500)
- Not yet tested in other applications. Optimal working dilutions must be determined by the end user.

**Antibody Type:** Polyclonal

**Isotype:** IgG

**Molecular Weight:** 85kDa

#### Preservatives:

10ug/uL BSA and 0.1% NaN<sub>3</sub>.

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.

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