

## bs-0570R-Cy7

### • Rabbit Anti-CDK8 Polyclonal Antibody, Cy7 conjugated

Conjugated Primary Antibodies

#### Background:

A family of proteins designated as cdk8 are critical regulators of cell cycle progression. The prototype member of this family, p34 / Cdc2, and a related protein Cdk2, function late in the cycle while Cdk4 and Cdk6 are critically involved in G1 to S progression. p54 / Cdk8 interacts exclusively with CyclinC. The Cdk8-CyclinC complex activates the kinase. Because of analogy with yeast Cdk8, it has been proposed that the human Cdk8-CyclinC may interact with RNA polymerase, thus influencing the transcription mechanism(s) that lead to cell division. Also known as: Cyclin Dependent Kinase 8; Cell Division Kinase 8; Cell division protein kinase 8; K35; Mediator complex subunit CDK8; Mediator of RNA polymerase II transcription subunit CDK8; Protein kinase K35.

**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, it is ready to use, 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,

**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:** 53kDa

**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.

For full size images and description please click [HERE](#).