

bs-0570R-Cy5

• Rabbit Anti-CDK8 Polyclonal Antibody, Cy5 conjugated

Conjugated Primary Antibodies

Background:

A family of proteins designated as cdk's 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, 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% NaN₃.

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

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