

## Anti-Cdk6 Antibody Picoband® Cy3 Conjugated

Catalog Number: PB9995-Cy3

### About CDK6

Cell division protein kinase 6, also called Plstire, is an enzyme that in humans is encoded by the CDK6 gene. The protein encoded by this gene is a member of the cyclin-dependent protein kinase (CDK) family. Radiation hybrid analysis and inclusion within a mapped clone place the CDK6 gene at 7q21. Serine/threonine-protein kinase involved in the control of the cell cycle and differentiation and promotes G1/S transition. This gene also involved in initiation and maintenance of cell cycle exit during cell differentiation. It prevents cell proliferation and regulates negatively cell differentiation, but is required for the proliferation of specific cell types. In addition, CDK6 plays a role in promoting the proliferation of beta-cells in pancreatic islets of Langerhans.

### Overview

Product Name	Anti-Cdk6 Antibody Picoband® Cy3 Conjugated
Reactive Species	Human, Rat
Application	Recommended applications are based on the parent unconjugated antibody (IHC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q00534

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human Cdk6, identical to the related mouse sequence.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Cy3 Excitation Wavelength: 554 nm Emission Wavelength: 568 nm

Suggested Dilutions

Optimal dilutions should be determined by end users.

## 4 Publications Citing This Product

1. PubMed ID: 34144025, Sun D,Zhao T,Long K,Wu M,Zhang Z.Triclosan down-regulates fatty acid synthase through microRNAs in HepG2 cells.Eur J Pharmacol .2021 Jun 15:174261.doi:10.1016/j.ejphar.2021.174261.Epub ahead of print.PMID:34144025.
2. PubMed ID: 26822763, Long noncoding RNA NEAT1 promotes laryngeal squamous cell cancer through regulating miR-107/CDK6 pathway
3. PubMed ID: 25431082, Zhou R, Lu Z, Liu K, Guo J, Liu J, Zhou Y, Yang J, Mi M, Xu H. Curr Cancer Drug Targets. 2015;14(9):860-71. Platycodin D Induces Tumor Growth Arrest By Activating Foxo3A Expression In Prostate Cancer In Vitro And In Vivo.

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