

# Anti-CDK1 Antibody (R2Z73)

## Summary

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<b>Catalog No.</b>	RHC20208
<b>Clone ID</b>	R2Z73
<b>Host species</b>	Mouse
<b>Tested applications</b>	ELISA: 1:10000, IF: 1:200-1:1000, IHC: 1:200-1:1000, WB: 1:500-1:2000
<b>Species reactivity</b>	Human, Mouse, Rat, Monkey
<b>Form</b>	Liquid
<b>Storage buffer</b>	0.01M PBS, pH 7.4, 0.05% Sodium Azide.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Applications</b>	ELISA, IF, IHC, WB
<b>Target</b>	CDC28A, CDKN1, P34CDC2, p34 protein kinase, CDK1, Cell division protein kinase 1, Cell division control protein 2 homolog, CDC2, Cyclin-dependent kinase 1
<b>Purification</b>	Protein A/G purified from cell culture supernatant.
<b>Endotoxin level</b>	Please contact with the lab for this information.
<b>Accession</b>	P06493

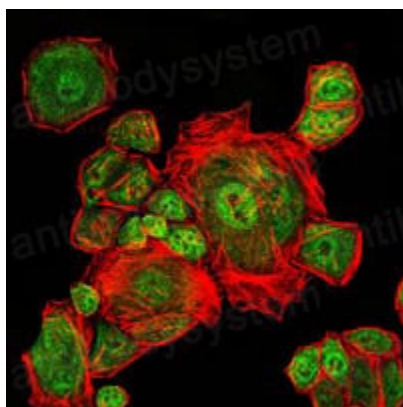
**Stability and Storage**

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Store at 4°C short term (1-2 weeks). Store at -20°C 12 months. Store at -80°C long term.

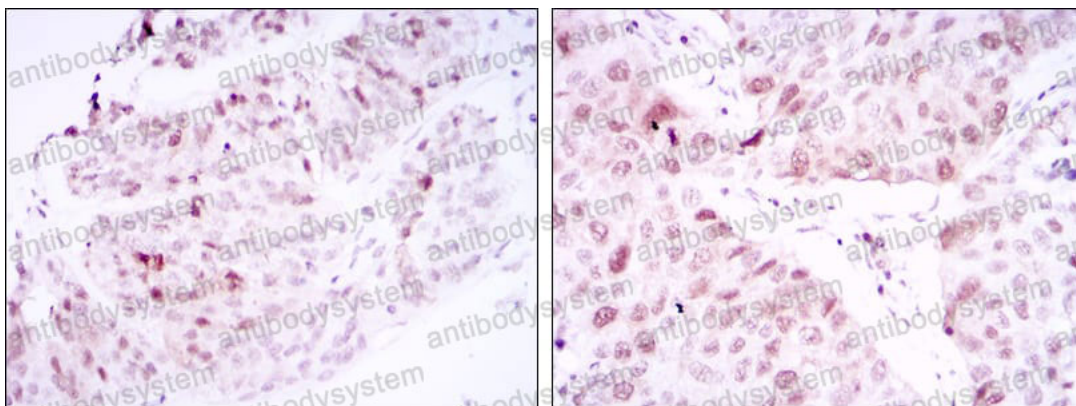
**Note**

For research use only.

**Data Image**

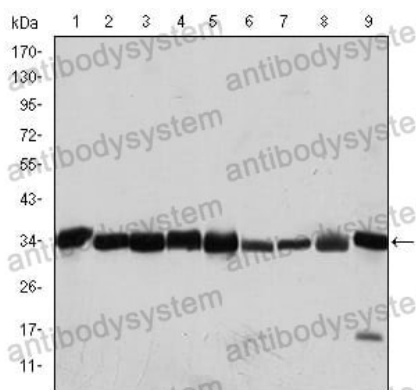
Immunofluorescence

Immunofluorescence analysis of Eca109 cells using CDK1 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Immunohistochemical

Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissues (left) and lung cancer tissues (right) using CDK1 mouse mAb with DAB staining.



Western blot

Western blot analysis using CDK1 mouse mAb against HeLa (1), Jurkat (2), K562 (3), A431 (4), MCF-7 (5), RAW264.7 (6), NIN/3T3 (7), PC-12 (8), and Cos7 (9) cell lysate.