

# Anti-CDK2 [R04-1D5] Monoclonal Antibody -Knockout Validated

## AGMB06806

### Description

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This Anti-CDK2 [R04-1D5] Monoclonal Antibody -Knockout Validated is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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<b>SKU:</b>	AGMB06806
<b>Contents:</b>	20µl, 50µl, 100µl Bradford Reagent: 1 vial (2ml)
<b>Synonyms:</b>	CDK2, CDKN2, Cyclin-dependent kinase 2, Cell division protein kinase 2, p33 protein kinase, Cdc2 related protein kinase, cdc2-related protein kinase, CDC28,
<b>Applications:</b>	<b>WB</b> <b>IHC-F</b> <b>IHC-P</b> <b>ICC/IF</b> <b>FC</b> <b>IP</b>
<b>Research Area:</b>	Cell Biology
<b>Form:</b>	Liquid

### Antibody Data

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<b>Reactivity:</b>	Human, Mouse, Rat
<b>Clone:</b>	R04-1D5
<b>Clonality:</b>	Monoclonal Antibody
<b>SwissProt ID:</b>	P24941
<b>Immunogen:</b>	A synthetic peptide of human Cdk2
<b>Gene ID:</b>	1017

#### Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

**Gene Name:** CDK2

**Host Species:** Rabbit

**Isotype:** IgG

**Purification:** Affinity Purified

**Conjugated:** Unconjugated

**Modification:** Unmodified

**Molecular Weight:** Calculated MW: 34 kDa, Observed MW: 34 kDa

## Preparation & Storage

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**Storage:** Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.  
Store Bradford Reagent at Room Temperature for 1 Year.

**Storage Buffer:** Liquid in 1xPBS(pH 7.4), 150mM NaCl, 50% Glycerol, 0.02% Sodium azide and 0.05% BSA

<b>Antibody Dilution Ratio:</b>	<b>Application</b>	<b>Antibody Dilution Ratio</b>
	WB	1:1000-1:5000
	IHC-P	1:100-1:400
	ICC/IF	1:100-1:200
	FC	1:50-1:100
	IP	1:20-1:50

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol.