

<b>Cat. No:</b>	AB-81213
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100 ug
<b>Clone:</b>	POLY
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	KLH conjugated Synthetic peptide corresponding to Human Cdk2
<b>Reactivity:</b>	Human,Mouse,Rat
<b>Applications:</b>	Western Blot: 1:500 -1:1000 Immunohistochemistry: 1:50 Immunofluorescence: 1: 200-1: 800
<b>Molecular Weight:</b>	34 kDa
<b>Purification:</b>	Affinity purification
<b>Synonyms:</b>	Cell division protein kinase 2, p33 protein kinase, CDK2, CDKN2, CDC28, CDC2A, Cdc2 related protein kinase, p33(CDK2), MPF
<b>Background:</b>	The protein encoded by this gene is a member of the Ser/Thr protein kinase family. This protein kinase is highly similar to the gene products of <i>S. cerevisiae</i> cdc28, and <i>S.pombe</i> cdc2. It is a catalytic subunit of the cyclin-dependent protein kinase complex, whose activity is restricted to the G1-S phase, and essential for cell cycle G1/S phase transition. This protein associates with and regulated by the regulatory subunits of the complex including cyclin A or E, CDK inhibitor p21Cip1 (CDKN1A) and p27Kip1 (CDKN1B).
<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS with 0.02% sodium azide, 100 µg/mL BSA and 50% glycerol.
<b>Storage:</b>	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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