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| Cat. No: | AB-81213 |
| Conjugate: | Unconjugated |
| Size: | 100 ug |
| Clone: | POLY |
| Concentration: | 1mg/ml |
| Host: | Rabbit |
| Isotype: | IgG |
| Immunogen: | KLH conjugated Synthetic peptide corresponding to Human Cdk2 |
| Reactivity: | Human,Mouse,Rat |
| Applications: | Western Blot: 1:500 -1:1000 Immunohistochemistry: 1:50 Immunofluorescence: 1: 200-1: 800 |
| Molecular Weight: | 34 kDa |
| Purification: | Affinity purification |
| Synonyms: | Cell division protein kinase 2, p33 protein kinase, CDK2, CDKN2, CDC28, CDC2A, Cdc2 related protein kinase, p33(CDK2), MPF |
| Background: | <p>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).</p> |
| Form: | Liquid |
| Buffer: | PBS with 0.02% sodium azide, 100 µg/mL BSA and 50% glycerol. |
| Storage: | Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |

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