

## CDK2

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC ICC IP

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IP 1:20 - 1:50

**Calculated MW:** 33 kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human CDK2

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

CDKN2; p33(CDK2);

**Catalog #:** A10810

**Antibody Type:**

Monoclonal Antibody

**Species:** Rabbit

**Gene ID:** 1017

**Isotype:** IgG

**Swiss Prot:** P24941

**Purity:** Affinity purification

For research use only.

**Background:**

This gene encodes a member of a family of serine/threonine protein kinases that participate in cell cycle regulation. The encoded protein is the catalytic subunit of the cyclin-dependent protein kinase complex, which regulates progression through the cell cycle. Activity of this protein is especially critical during the G1 to S phase transition. This protein associates with and regulated by other subunits of the complex including cyclin A or E, CDK inhibitor p21Cip1 (CDKN1A), and p27Kip1 (CDKN1B). Alternative splicing results in multiple transcript variants.

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