

## CDK2(Ab-160) Antibody

Catalog No: #21111

Package Size: #21111-1 50ul #21111-2 100ul #21111-4 25ul

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## Description

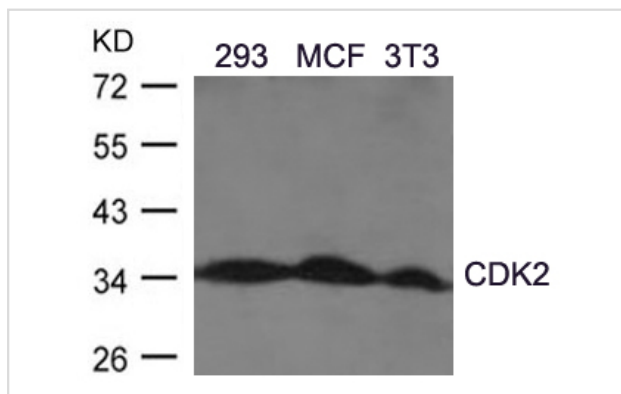
|                       |   |
|-----------------------|---|
| Product Name          | CDK2(Ab-160) Antibody   |
| Host Species          | Rabbit  |
| Clonality             | Polyclonal  |
| Purification          | Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide. |
| Applications          | WB  |
| Species Reactivity    | Hu Ms Rt  |
| Specificity           | The antibody detects endogenous level of total CDK2 protein.  |
| Immunogen Type        | Peptide-KLH   |
| Immunogen Description | Peptide sequence around aa.158~162 (T-Y-T-H-E) derived from Human CDK2.   |
| Target Name           | CDK2  |
| Other Names           | kinase Cdk2; p33 protein kinase;  |
| Accession No.         | Swiss-Prot: P24941NCBI Protein: NP_001789.2   |
| Concentration         | 1.0mg/ml  |
| Formulation           | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                  |
| Storage               | Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.   |

## Application Details

Predicted MW: 34kd

Western blotting: 1:500~1:1000

## Images



Western blot analysis of extracts from 293, MCF, 3T3 cells using CDK2(Ab-160) Antibody #21111.

## Background

Involved in the control of the cell cycle. Interacts with cyclins A, B1, B3, D, or E. Activity of CDK2 is maximal during S phase and G2.

Ukomadu C, et al.(2003) J Biol Chem; 278(7): 4840-6  
Morris MC, et al.(2002)J Biol Chem; 277(26): 23847-53  
Brown NR, et al.(1999)J Biol Chem; 274(13): 8746-56  
Liu Y, et al.(2004) J Biol Chem; 279(6): 4507-14

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.