

## Anti-CDK2 Rabbit Monoclonal Antibody

### Introduction

The protein encoded by this gene is a member of the Ser/Thr protein kinase family. This protein is a catalytic subunit of the highly conserved protein kinase complex known as M-phase promoting factor (MPF), which is essential for G1/S and G2/M phase transitions of eukaryotic cell cycle.

### Product parameters

|                    |                                                                                            |
|--------------------|--------------------------------------------------------------------------------------------|
| Alternative Names  | CDK2; CDKN2; Cyclin-dependent kinase 2; Cell division protein kinase 2; p33 protein kinase |
| Gene ID            | 1017                                                                                       |
| Gene Name          | CDK2                                                                                       |
| SwissProt ID       | P24941                                                                                     |
| Host               | Rabbit                                                                                     |
| Reactivity         | Human, Rat, Hamster                                                                        |
| Molecular Weight   | Calculated MW: 34 kDa; Observed MW: 34 kDa                                                 |
| Conjugation        | Unconjugated                                                                               |
| Ex                 | -                                                                                          |
| Em                 | -                                                                                          |
| Modification       | Unmodified                                                                                 |
| Clonality          | IgG                                                                                        |
| Isotype            | Monoclonal Antibody                                                                        |
| Clonality No.      | AP-15G3C12                                                                                 |
| Form               | Liquid                                                                                     |
| Concentration      | See label                                                                                  |
| Carrier            | Carrier Not Free                                                                           |
| Immunogen          | A synthetic peptide of human Cdk2                                                          |
| Purification       | Affinity Purified                                                                          |
| Buffer System      | 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.    |
| Application        | WB, IHC-F, IHC-P, ICC/IF, IP                                                               |
| Dilution Ratio     | WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20                                   |
| Research Field     | Cell Biology                                                                               |
| Product Categories | Primary antibody                                                                           |
| Shipping           | Blue ice                                                                                   |

|                 |                                  |
|-----------------|----------------------------------|
| Storage         | -20°C                            |
| Expiration Date | 12 months                        |
| Note            | Please avoid freeze-thaw cycles. |

## Protocol

Configure the product according to the application range and recommended dilution ratio.

**\*Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

## Note

1. This product is for scientific research use only.



**APExBIO Technology**

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