BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

# Anti-CDK1 Antibody (Monoclonal, 35C87)

**Catalog Number:** M00209-8

## About Cdk1

P34 (cdc2), also known as cell division cycle (CDC2), or cyclin-dependent kinase 1 (CDK1). CDC2 is a catalytic subunit of a protein kinase complex, called the M-phase promoting factor, that induces entry into mitosis and is universal among eukaryotes. In HeLa cells CDC2 is the most abundant phosphotyrosine-containing protein and its phosphotyrosine content is subject to cell cycle regulation. CDC2 gene is located on chromosome 10.

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## Overview

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| Product Name | Anti-CDK1 Antibody (Monoclonal, 35C87) |
| Reactive Species | Chicken, Human, Mouse |
| Description | Boster Bio Anti-CDK1 Antibody (Monoclonal, 35C87) catalog # M00209-8. Tested in IHC, WB applications. This antibody reacts with Chicken, Human, Mouse. |
| Application | IHC, WB |
| Clonality | Monoclonal 35C87 |
| Formulation | Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN3. |
| Storage Instructions | Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles. |
| Host | Mouse |
| Uniprot ID | P39951 |

## Technical Details

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| Immunogen | C-terminal two-thirds of Xenopus CDK1 expressed in E.coli. |
| Recommended Detection Systems | Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(P) and IHC(F). |
| Cross Reactivity | No cross-reactivity with other proteins |
| Isotype | Mouse IgG2a |

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| Form | Lyophilized |
| Concentration | Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml. |
| Purification | Ascites |
| Suggested Dilutions | Immunohistochemistry (Paraffin-embedded Section), 1-2ug/ml, Human, chicken, mouse<br>Immunohistochemistry (Frozen Section), 1-2ug/ml, Human, chicken, mouse, -<br>Western blot, 0.5-1ug/ml, Human, chicken, mouse |

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# Anti-CDK1 Antibody (Monoclonal, 35C87) (M00209-8) Images



Boster Kit Box

Anti-CDK1 Antibody (Monoclonal, 35C87)

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