

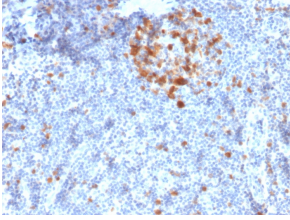
Anti-CDK1 Antibody [A17.1.1] (A250808)

Specifications:

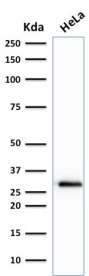
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|------------------------|--|
| Name: | Anti-CDK1 Antibody [A17.1.1] |
| Description: | Mouse monoclonal [A17.1.1] antibody to CDK1. |
| Specificity: | The epitope for this antibody maps near the C-terminus of the protein and its core is thought to be LGTPNNEV (amino acids 220-227 in murine CDC2). This antibody shows no cross reactivity with CDK2 p32. This antibody reportedly inhibits the activation of p34cdc2 kinase by cyclins. |
| Applications: | IF, IP, WB, IHC-P, Kinase Assay |
| Recommended Dilutions: | IF: 1-2 µg/ml, IHC-P: 2-4 µg/ml |
| Reactivity: | Human, Mouse, Rat, Guinea Pig, Woodchuck, Xenopus, Chicken |
| Immunogen: | C-terminal 2/3rds of Xenopus CDC2 protein, expressed in E. coli. |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Clone ID: | A17.1.1 |
| Isotype: | IgG2a |
| Light Chains: | kappa |
| Conjugate: | Unconjugated |
| Purification: | Protein A/G chromatography. |
| Concentration: | 200 µg/ml |
| Product Form: | Liquid |
| Formulation: | Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide. |
| Storage: | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| General Notes: | This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-CDK1 Antibody [A17.1.1] - BSA and Azide free (A253988). |
| Disclaimer: | This product is for research use only. It is not intended for diagnostic or therapeutic use. |

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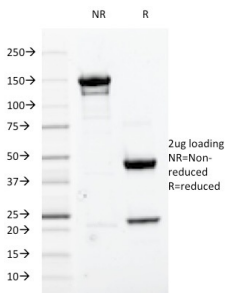
Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human tonsil using Anti-CDK1 Antibody [A17.1.1].



Western blot analysis of human HeLa cell lysate using Anti-CDK1 Antibody [A17.1.1].



SDS-PAGE analysis of Anti-CDK1 Antibody [A17.1.1] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.