

## Anti-CDK1

Catalog No.	Description
AM905-5M	6 ml of Prediluted Antibody
MU905-UC	1 ml of Concentrated Antibody
MU905-5UC	0.5 ml of Concentrated Antibody

Clone	Species	Ig Class
A17.1.1	Mouse	IgG

### Intended Use

Analyte Specific Reagent. Analytical and performance characteristics are not established.

### Specifications

This antibody stains CDK1 in formalin-fixed, paraffin-embedded tissue sections by [Immunohistochemical](#) techniques.

### Source and format

Mouse [Monoclonal Antibody](#) CDK1 diluted in PBS, pH 7.6, containing 1% BSA and 0.09% sodium azide.

### Storage

Store at 2-8°C; do not freeze. Do not use after expiration date on vial.

### Precautions

This antibody contains no hazardous material at a reportable concentration according to U.S. 29 CFR 1910.1200, OSHA Hazard Communication Standard and EC Directive 91/155/EC. However, this product contains sodium azide, at concentrations of less than 0.1%. Sodium azide is not classified as a hazardous chemical at the product concentrations. However, toxicity information regarding sodium azide at product concentrations has not been thoroughly investigated. Sodium azide may react with lead or copper plumbing to form highly explosive metal azides. Upon disposal, flush with large volumes of water to prevent azide build-up in plumbing (1). For more information, a Safety Data Sheet (SDS) for sodium azide in pure form is available upon request. Dispose unused reagents according to Local, State and Federal Regulations. Wear suitable Personal Protective Equipment, do not pipette reagents by mouth, and avoid contact of reagents and specimens with skin and mucous membranes. If reagents or specimens come in contact with sensitive area, wash with copious amounts of water(2).

Refer to appropriate product inserts for instructions of use and safety information on detection reagents and other materials, which may be used with the antibody.

### Quality Control

Each lot of this antibody is tested by Immunohistochemistry for Quality Control purposes. Refer to the BioGenex Quality Control Testing Conditions table for additional information.

BioGenex Quality Control Testing Conditions

Parameter	Conditions Used
Control Tissue	Tonsil
<a href="#">Tissue Type</a>	Formalin-Fixed, Paraffin-Embedded tissue sections (FFPE)

### Bibliography

- Center for Disease Control Manual. Guide: Safety Management, NO. CDC-22, Atlanta, GA. April 30, 1976 "Decontamination of Laboratory Sink Drains to Remove Azide Salts.
- Clinical and Laboratory Standards Institute (CLSI). Protection of Laboratory Workers from Occupationally Acquired Infections; Approved Guideline-Fourth Edition CLSI document M29-A4 Wayne, PA 2014.
- Morgan, David L. The cell cycle: principles of control. London: New Science Press. 80(3) 30–31 (2007).
- Lee Melanie, Nurse Paul. Complementation used to clone a human homologue of the fission yeast cell cycle control gene *cdc2*. Nature. 327 (6117) 31–5 (1987).
- Enserink JM, Kolodner RD. An overview of Cdk1-controlled targets and processes. Cell Division. 5 (11) 1–41 (2010).

Category	Antibodies	Revision No.	C
Document No.	932-905M	Release Date	May 30, 2024

