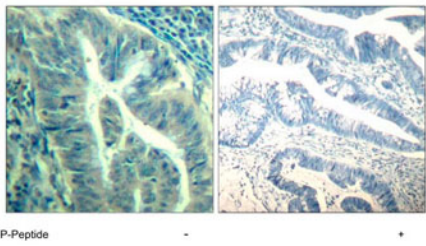


CDK6 (phospho Y24) polyclonal antibody

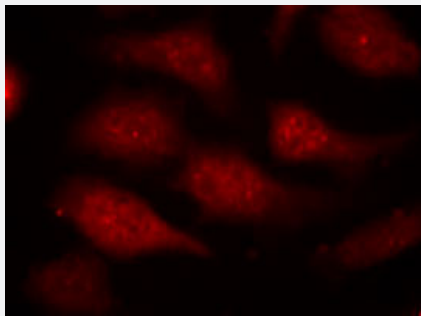
Catalog # PAB25915 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using CDK6 (phospho Y24) polyclonal antibody (Cat # PAB25915).



Immunofluorescence

Immunofluorescence staining of methanol-fixed HeLa cells using CDK6 (phospho Y24) polyclonal antibody (Cat # PAB25915, red).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of CDK6.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding Y24 of human CDK6.
Sequence	G-A-YP-G-K
Host	Rabbit
Theoretical MW (kDa)	36
Reactivity	Human, Mouse
Form	Liquid

Purification	Affinity chromatography
Concentration	1 mg/mL
Recommend Usage	Immunohistochemistry (1:50-1:100) Immunofluorescence (1:100-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg^{2+} and Ca^{2+}), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using CDK6 (phospho Y24) polyclonal antibody (Cat # PAB25915).

- Immunofluorescence

Immunofluorescence staining of methanol-fixed HeLa cells using CDK6 (phospho Y24) polyclonal antibody (Cat # PAB25915, red).

Gene Info — CDK6

Entrez GeneID	1021
Protein Accession#	Q00534
Gene Name	CDK6
Gene Alias	MGC59692, PLSTIRE, STQTL11
Gene Description	cyclin-dependent kinase 6
Omim ID	603368
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is a member of the cyclin-dependent protein kinase (CDK) family. CDK family members are highly similar to the gene products of *Saccharomyces cerevisiae* cdc28, and *Schizosaccharomyces pombe* cdc2, and are known to be important regulators of cell cycle progression. This kinase is a catalytic subunit of the protein kinase complex that is important for cell cycle G1 phase progression and G1/S transition. The activity of this kinase first appears in mid-G1 phase, which is controlled by the regulatory subunits including D-type cyclins and members of INK4 family of CDK inhibitors. This kinase, as well as CDK4, has been shown to phosphorylate, and thus regulate the activity of, tumor suppressor protein Rb. [provided by RefSeq]

Other Designations

cell division protein kinase 6

Pathway

- [Cell cycle](#)
- [Chronic myeloid leukemia](#)
- [Glioma](#)
- [Melanoma](#)
- [Non-small cell lung cancer](#)
- [p53 signaling pathway](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)

Disease

- [Adenocarcinoma](#)
- [Arthritis](#)
- [Autoimmune Diseases](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)

- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Growth Disorders](#)
- [Head and Neck Neoplasms](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Mouth Neoplasms](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Precancerous Conditions](#)
- [Recurrence](#)
- [Thyroid Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Wegener Granulomatosis](#)