

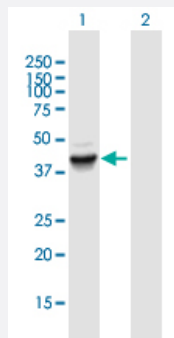
MaxPab®

CDK6 MaxPab mouse polyclonal antibody (B01)

Catalog # H00001021-B01

Size 50 uL

Applications

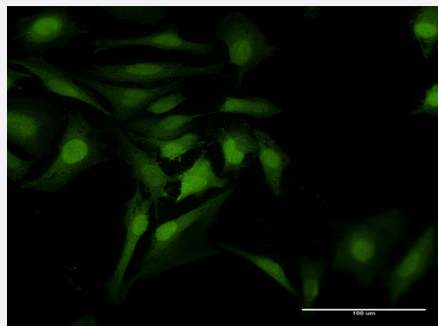


Western Blot (Transfected lysate)

Western Blot analysis of CDK6 expression in transfected 293T cell line ([H00001021-T01](#)) by CDK6 MaxPab polyclonal antibody.

Lane 1: CDK6 transfected lysate(35.86 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CDK6 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CDK6 protein.

Immunogen

CDK6 (NP_001250, 1 a.a. ~ 326 a.a) full-length human protein.

Sequence

MEKDGLCRADQQYECVAEIGEGAYGKVFKARDLKNNGRFVALKRVRVQTGEEGMPLSTIREVAV
LRHLETFEHPNVVRLFDVCTVSRTDRETKLTLVFEHVDQDLTTYLDKVPEPGVPTETIKDMMFQLL
RGLDFLHSHRVVHRDLKPQNILVTSSGQIKLADFGGLARIYSFQMALTSVVVTLWYRAPEVLLQSSY
ATPVDLWSVGCIFAEMFRRKPLFRGSSDQDLGKILDVIGLPGEEDWPRDVALPRQAFHKSQAQ
PIEFVTDIDELGKDLLLKCLTFNPAKRISAYSALSHPYFQDLERCKENLDShLPPSQNTSELNTA

Host

Mouse

Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

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[Protocol Download](#)

- Immunofluorescence

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Gene Info — CDK6

Entrez GeneID	1021
GeneBank Accession#	NM_001259
Protein Accession#	NP_001250
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](#)