

CCNK Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant CCNK.****Catalog # AT1423a****Specification**

CCNK Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	O75909
Other Accession	BC015935
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 kappa
Calculated MW	64240

CCNK Antibody (monoclonal) (M01) - Additional Information**Gene ID** 8812**Other Names**

Cyclin-K, CCNK, CPR4

Target/Specificity

CCNK (AAH15935, 1 a.a. ~ 354 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

CCNK Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

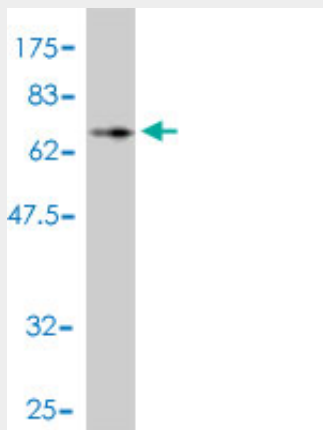
CCNK Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

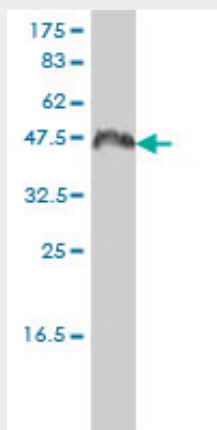
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

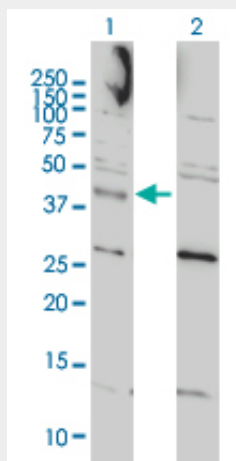
CCNK Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (64.68 KDa) .

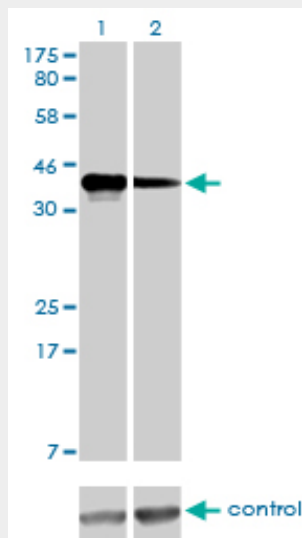


CCNK monoclonal antibody (M01), clone 3B7-1B9. Western Blot analysis of CCNK expression in PRC/PRF/5.

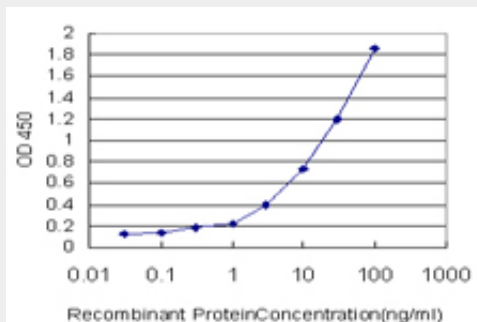


Western Blot analysis of CCNK expression in transfected 293T cell line by CCNK monoclonal antibody (M01), clone 3B7-1B9.

Lane 1: CCNK transfected lysate(41 KDa).
Lane 2: Non-transfected lysate.



Western blot analysis of CCNK over-expressed 293 cell line, cotransfected with CCNK Validated Chimera RNAi (Cat # AT1423a)



Detection limit for recombinant GST tagged CCNK is approximately 0.03ng/ml as a capture antibody.

CCNK Antibody (monoclonal) (M01) - Background

The protein encoded by this gene is a member of the transcription cyclin family. These cyclins may regulate transcription through their association with and activation of cyclin-dependent kinases (CDK) that phosphorylate the C-terminal domain (CTD) of the large subunit of RNA polymerase II. This gene product may play a dual role in regulating CDK and RNA polymerase II activities.

CCNK Antibody (monoclonal) (M01) - References

1.The human HECA interacts with cyclins and CDKs to antagonize Wnt-mediated proliferation and chemoresistance of head and neck cancer cells.Dowejko A, Bauer R, Bauer K, Muller-Richter UD, Reichert TE.Exp Cell Res. 2011 Nov 10.