

CLK3 Antibody (monoclonal) (M04)**Mouse monoclonal antibody raised against a partial recombinant CLK3.****Catalog # AT1558a****Specification**

CLK3 Antibody (monoclonal) (M04) - Product Information

Application	WB, IHC, IF
Primary Accession	P49761
Other Accession	BC002555
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	58588

CLK3 Antibody (monoclonal) (M04) - Additional Information**Gene ID** 1198**Other Names**

Dual specificity protein kinase CLK3, CDC-like kinase 3, CLK3

Target/Specificity

CLK3 (AAH02555, 36 a.a. ~ 136 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IHC~~1:100~500

IF~~1:50~200

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

CLK3 Antibody (monoclonal) (M04) is for research use only and not for use in diagnostic or therapeutic procedures.

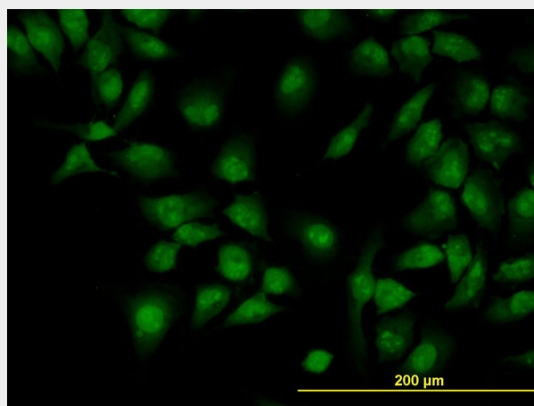
CLK3 Antibody (monoclonal) (M04) - Protocols

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

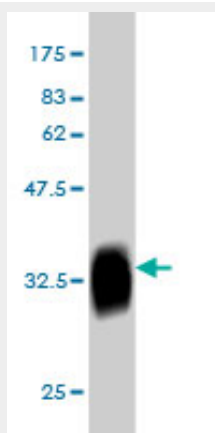
- [Western Blot](#)
- [Blocking Peptides](#)

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

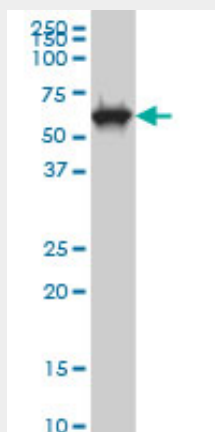
CLK3 Antibody (monoclonal) (M04) - Images



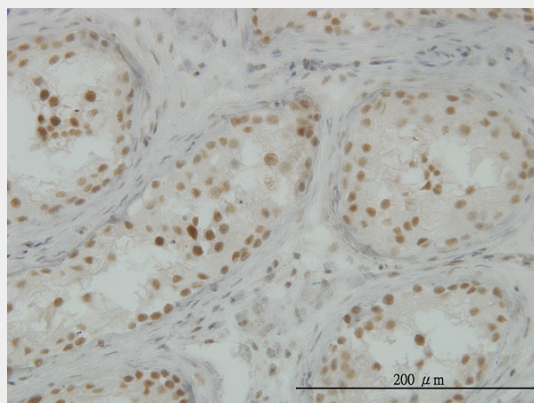
Immunofluorescence of monoclonal antibody to CLK3 on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .



CLK3 monoclonal antibody (M04), clone 5B2 Western Blot analysis of CLK3 expression in MCF-7 (Cat # AT1558a)



Immunoperoxidase of monoclonal antibody to CLK3 on formalin-fixed paraffin-embedded human testis. [antibody concentration 1.5 ug/ml]

CLK3 Antibody (monoclonal) (M04) - Background

This gene encodes a protein belonging to the serine/threonine type protein kinase family. This protein is a nuclear dual-specificity kinase that regulates the intranuclear distribution of the serine/arginine-rich (SR) family of splicing factors. Two transcript variants encoding different isoforms have been found for this gene. Related pseudogenes are located on chromosomes 1 and 9.

CLK3 Antibody (monoclonal) (M04) - References

[Expression of cell cycle molecules in human azoospermic testes] Yang B, et al. Xi Bao Yu Fen Zi Mian Yi Xue Za Zhi, 2009 May. PMID 19426592. Cdc2-like kinases and DNA topoisomerase I regulate alternative splicing of tissue factor in human endothelial cells. Eisenreich A, et al. Circ Res, 2009 Mar 13. PMID 19168442. Proteomics analysis of protein kinases by target class-selective prefractionation and tandem mass spectrometry. Wissing J, et al. Mol Cell Proteomics, 2007 Mar. PMID 17192257. Global, in vivo, and site-specific phosphorylation dynamics in signaling networks. Olsen JV, et al. Cell, 2006 Nov 3. PMID 17081983. Towards a proteome-scale map of the human protein-protein interaction network. Rual JF, et al. Nature, 2005 Oct 20. PMID 16189514.