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CLK3 Antibody (monoclonal) (M04)

Mouse monoclonal antibody raised against a partial recombinant CLK3.
Catalog # AT1558a

Specification

CLK3 Antibody (monoclonal) (M04) - Product Information

Application	**IF, WB, IHC**
Primary Accession	P49761
Other Accession	BC002555
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2b Kappa**
Calculated MW	**73515**

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

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

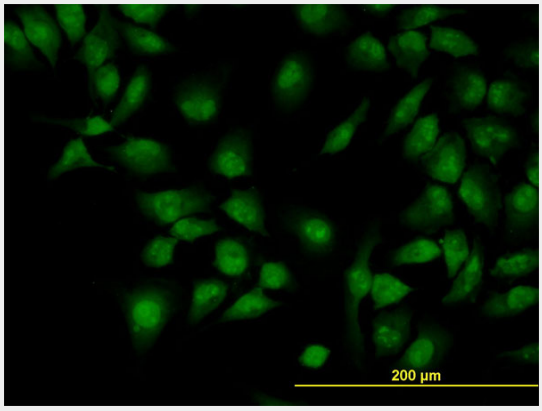
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

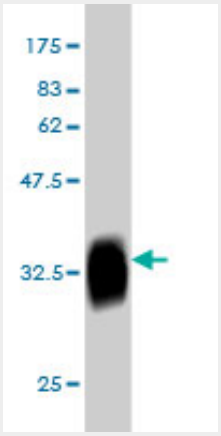
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- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

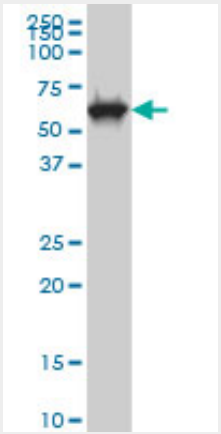
CLK3 Antibody (monoclonal) (M04) - Images



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

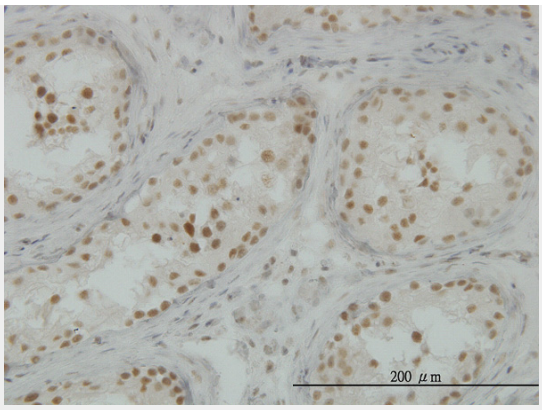


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .



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

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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.