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CLK3 Antibody (monoclonal) (M05)

Mouse monoclonal antibody raised against a partial recombinant CLK3.
Catalog # AT1559a

Specification

CLK3 Antibody (monoclonal) (M05) - 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) (M05) - 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) (M05) is for research use only and not for use in diagnostic or therapeutic procedures.

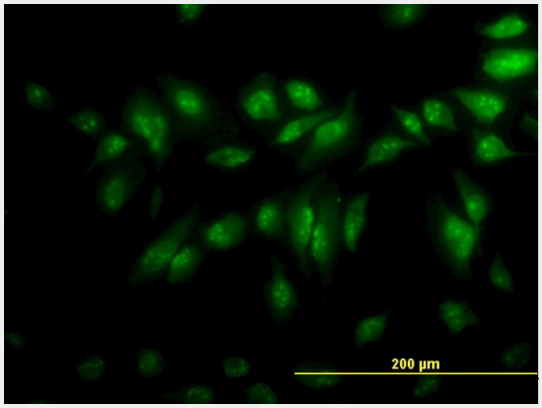
CLK3 Antibody (monoclonal) (M05) - Protocols

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

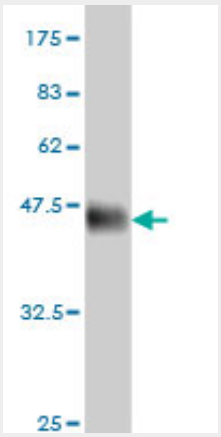
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

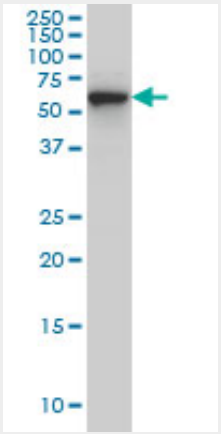
CLK3 Antibody (monoclonal) (M05) - Images



Immunofluorescence of monoclonal antibody to CLK3 on HeLa cell. [antibody concentration 8 ug/ml]

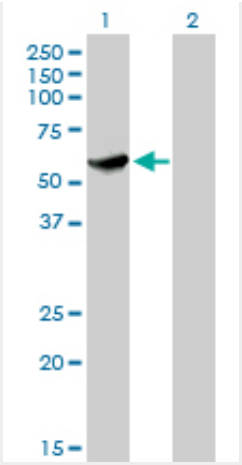


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .



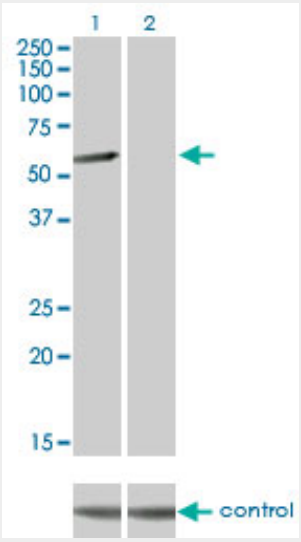
CLK3 monoclonal antibody (M05), clone 1F10. Western Blot analysis of CLK3 expression in Hela S3 NE ((Cat # AT1559a)

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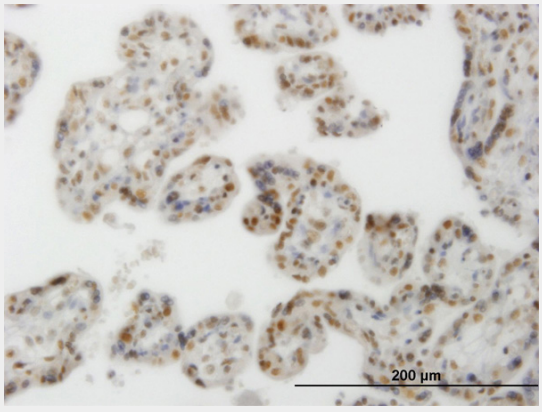


Western Blot analysis of CLK3 expression in transfected 293T cell line by CLK3 monoclonal antibody (M05), clone 1F10.

Lane 1: CLK3 transfected lysate(58.6 KDa).
Lane 2: Non-transfected lysate.



Western blot analysis of CLK3 over-expressed 293 cell line, cotransfected with CLK3 Validated Chimera RNAi ((Cat # AT1559a)



Immunoperoxidase of monoclonal antibody to CLK3 on formalin-fixed paraffin-embedded human

placenta. [antibody concentration 0.5 ug/ml]

CLK3 Antibody (monoclonal) (M05) - 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) (M05) - 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.