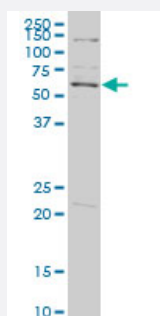


PLK1 monoclonal antibody (M02), clone 3F10

Catalog # H00005347-M02

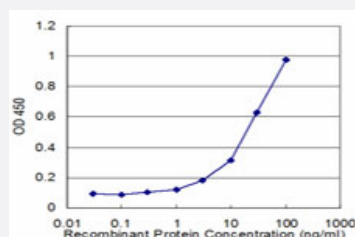
Size 100 ug

Applications



Western Blot (Cell lysate)

PLK1 monoclonal antibody (M02), clone 3F10 Western Blot analysis of PLK1 expression in HeLa S3 NE (Cat # L013V3).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PLK1 is approximately 1ng/ml as a capture antibody.

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant PLK1.

Immunogen

PLK1 (AAH02369, 1 a.a. ~ 603 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MSAAVTAGKLARAPADPGKAGVPGVAAPGAPAAAPPAKEIPEVLVDPRSRRRYVRGRFLGKGG
FAKCFEISDADTKEVFAGKMPKSLLLKPHQREKMSMEISIHRS LAHQHVVGFGFFEDNDFV FVV
LELCRRRSLELHKRRKALTEPEARYYLRQMLGCQYLHRNRVIHRDLKLG NLFNEDLEV KIGDFG
LATKVEYDGERKKTL CGTPNYAPEVLSKKGHSFEVDVWSIGCIMYTLLVGKPPFETSCLKETYLR I
KKNEYSIPKHINPVAASLIQKMLQTDPTARPTINELLNDEFFTSGYIPARLPITCLTIPRFSIAPSSLD
PSNRKPLTVLNKGLENPLPERPREKEEPVVRETGEVVDCHLSDMLQQ LHSVNASKPSE RGLVR
QEEAEDPACIPIFWVSKWVDYSDKYGLGYQLCDNSVGVLFN DSTRLILYNDGDSLQYIERDGTESY
LTVSSHPNSLMKKITLLKYFRNYMSEHLLKAGANITPREGDELARLPYLRTWFRTRSAILHL SNGSV
QINFFQDHTKLILCPLMAAVTYIDEKRDFRTYRLSLLEEYGCCKELASRLRYARTMVDKLLSSRSAS
NRLKAS

Host

Mouse

Reactivity

Human

Isotype

IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

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

Applications

- Western Blot (Cell lysate)

PLK1 monoclonal antibody (M02), clone 3F10 Western Blot analysis of PLK1 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PLK1 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PLK1

Entrez GeneID

[5347](#)

GeneBank Accession#

[BC002369](#)

Protein Accession#

[AAH02369](#)

Gene Name	PLK1
Gene Alias	PLK, STPK13
Gene Description	polo-like kinase 1 (Drosophila)
Omim ID	602098
Gene Ontology	Hyperlink
Other Designations	cell cycle regulated protein kinase polo (Drosophila)-like kinase polo like kinase polo-like kinase

Pathway

- [Cell cycle](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Lung Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Ovarian Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)