

Datasheet for ABIN518967
anti-PLK1 antibody (AA 1-603)



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3 Images

Overview

Quantity:	50 µg
Target:	PLK1
Binding Specificity:	AA 1-603
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This PLK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human PLK1 protein.
Immunogen:	PLK1 (NP_005021.2, 1 a.a. ~ 603 a.a) full-length human protein.
Sequence:	MSAAVTAGKL ARAPADPGKA GVPGVAAPGA PAAAPPAKEI PEVLVDPRSR RRYVRGRFLG KGGFAKCFEI SDADTKEVFA GKIVPKSLLL KPHQREKMSM EISIHRS LAH QHVVG FHGFF EDNDFV FVVL ELCRRRS LLE LHKRRKALTE PEARYYLRQI VLGCQYLHRN RVIHRDLKLG NLFLNEDLEV KIGDFGLATK VEYDGERKKT LCGTPNYIAP EVLSKKGHSF EVDVWSIGCI MYTLLVGKPP FETSCLKETY LRIKKNEYSI PKHINPVAAS LIQKMLQ TDP TARPTINELL NDEFFTSGYI PARLPITCLT IPPRFSIAPS SLDPSNRKPL TVLNKGLENP LPERPREKEE PVVRETGEVV DCHLS DMLQQ LHSV NASKPS ERGLVRQEEA EDPACIPIFW VSKWVDYSDK YGLGYQLCDN SVGVLFNDST RLILYNDGDS LQYIERDGTE SYLTVSSHPN SLMKKITLLK YFRNYMSEHL LKAGANITPR EGDELARLPY LRTWFRTRSA IILHLSNGSV QINFFQDHTK LILCPLMAAV TYIDEKRDFR TYRLSLLEEY GCCKELASRL RYARTMVDKL LSSRSASNRL KAS

Product Details

Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

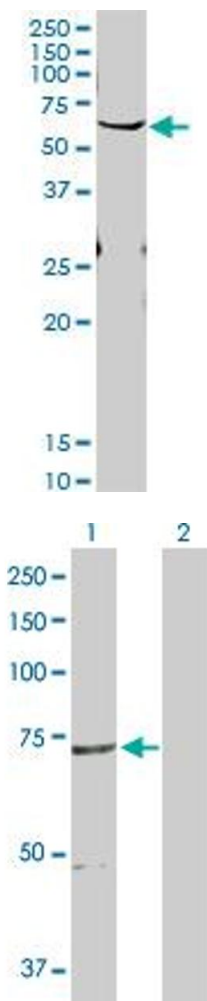
Target:	PLK1
Alternative Name:	PLK1 (PLK1 Products)
Background:	Full Gene Name: polo-like kinase 1 (Drosophila) Synonyms: PLK,STPK13
Gene ID:	5347
NCBI Accession:	NM_005030
Pathways:	Cell Division Cycle, M Phase

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

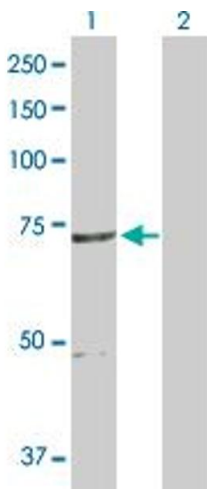
Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



Western Blotting

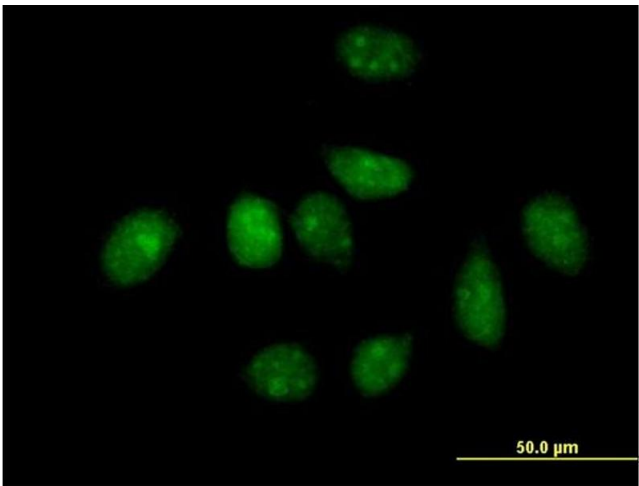
Image 1. PLK1 MaxPab polyclonal antibody. Western Blot analysis of PLK1 expression in HeLa.



Western Blotting

Image 2. Western Blot analysis of PLK1 expression in transfected 293T cell line by PLK1 MaxPab polyclonal antibody.

Lane 1: PLK1 transfected lysate(66.33 kDa).
Lane 2: Non-transfected lysate.



Immunofluorescence

Image 3. Immunofluorescence of purified MaxPab antibody to PLK1 on HeLa cell. [antibody concentration 10 ug/ml]