

# PLK1 antibody [3F12]

**Cat. No. GTX83864**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Applications</b>	WB, FCM, IP
<b>Reactivity</b>	Human, Mouse

**Package**  
100 µl

## Applications

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000-1:2000
FCM	1:100
IP	2ug/500ul

Not tested in other applications.

**Calculated MW** 68 kDa. ( [Note](#) )

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 1% BSA, 50% Glycerol
<b>Preservative</b>	0.02% Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1.01 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Full-length protein expressed in 293T cell transfected with human PLK1 expression vector
<b>Purification</b>	Purified by affinity chromatography
<b>Conjugation</b>	Unconjugated

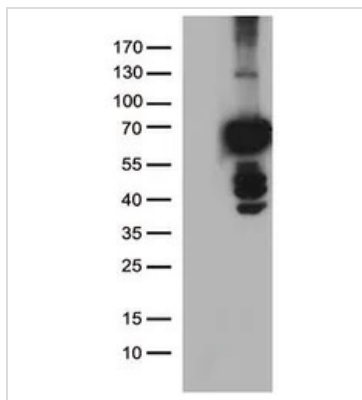
### Note

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Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



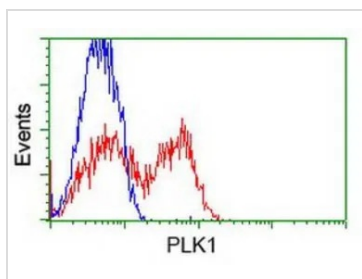
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**DATA IMAGES**

**GTX83864 WB Image**

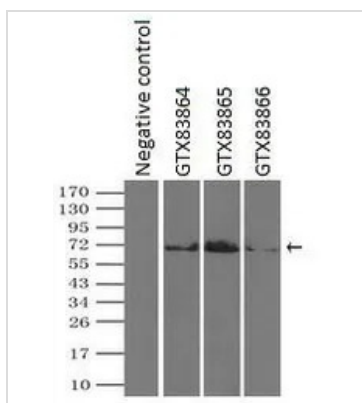
WB analysis of HEK293T cells transfected with PLK1 plasmid (Right) or empty vector (Left) for 48 hrs using GTX83864 PLK1 antibody [3F12].

Loading : 5 ug per lane

Dilution : 1:500

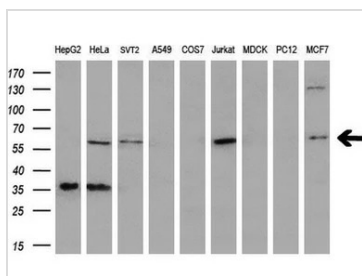

**GTX83864 FCM Image**

FACS analysis of HEK293T cells transfected with either PLK1 plasmid (Red) or empty vector control plasmid (Blue) using GTX83864 PLK1 antibody [3F12].


**GTX83864 IP Image**

IP analysis of DDDDK tagged PLK1 overexpressed HEK293T lysate using GTX83864 PLK1 antibody [3F12]. After extensive wash to remove any non-specific binding, the immuno-precipitated products were analyzed with rabbit anti-DDDDK polyclonal antibody.

IP reaction : 2μg antibody / 500μl cell lysate


**GTX83864 WB Image**

WB analysis of various cell lines using GTX83864 PLK1 antibody [3F12].

Loading : 35 ug per lane

Dilution : 1:200



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