

## PLK1 antibody [8C12]

**Cat. No. GTX83866**

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

**Package**  
100 µl

## Applications

**Application Note**

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

Suggested dilution	Recommended dilution
WB	1:2000
ICC/IF	1:100
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>	0.96 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**

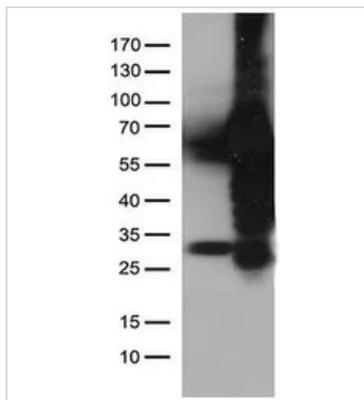
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DATA IMAGES

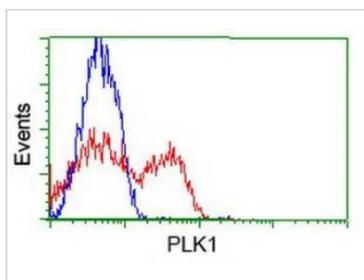


**GTX83866 WB Image**

WB analysis of HEK293T cells transfected with PLK1 plasmid (Right) or empty vector (Left) for 48 hrs using GTX83866 PLK1 antibody [8C12].

Loading : 5 ug per lane

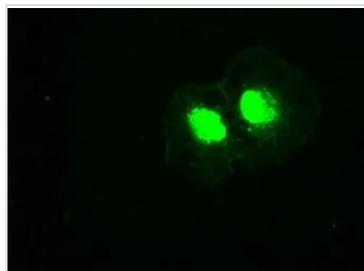
Dilution : 1:500



**GTX83866 FCM Image**

FACS analysis of HEK293T cells transfected with either PLK1 plasmid (Red) or empty vector control plasmid (Blue) using GTX83866 PLK1 antibody [8C12].

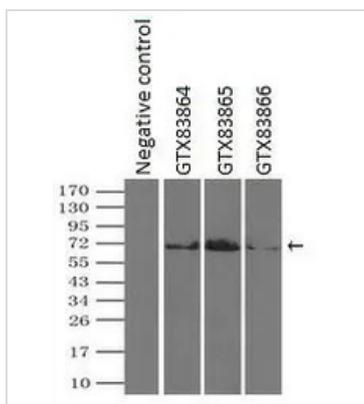
Dilution : 1:100



**GTX83866 ICC/IF Image**

ICC/IF analysis of COS7 cells transiently transfected with PLK1 plasmid using GTX83866 PLK1 antibody [8C12].

Dilution : 1:100



**GTX83866 IP Image**

IP analysis of DDDDK tagged PLK1 overexpressed HEK293T lysate using GTX83866 PLK1 antibody [8C12]. 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



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