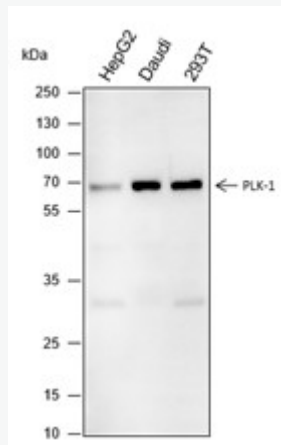


## Mouse Anti-PLK-1 antibody

SLM-60558M

<b>Product Name</b>	PLK-1
<b>Chinese Name</b>	
<b>Immunogen Species</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Clone NO.</b>	A6H3
<b>React Species</b>	Human
<b>Applications</b>	WB=1:500-1000,ICC/IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Cellular localization</b>	The nucleus The cell membrane
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Lsotype</b>	IgG1/Kappa
<b>Purification</b>	Affinity purified by Protein G
<b>Buffer Solution</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
<b>Storage</b>	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
<b>Attention</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>PubMed</b>	<a href="#">PubMed</a>
<b>Product Detail</b>	丝氨酸/苏氨酸蛋白激酶，在整个细胞周期的 M 期发挥若干重要功能，包括中心体成熟和纺锤体组装的调节，去除染色体臂上的内聚蛋白，后期促进复合物/环体（APC/C）抑制剂的失活，以及有丝分裂出口和胞质分裂的调节。Polo 样激酶蛋白通过结合和磷酸化的方式起作用，这些蛋白已经在 Polo 盒结构域识别的特定基序上磷酸化。通过磷酸化 KIZ、NEDD1 和 NINL 在中心体功能和双极纺锤体组装中起关键作用。NEDD1 磷酸化促进 $\gamma$ -微管蛋白环复合体（gTuRC）随后靶向中心体，这是纺锤体形成的重要步骤。



## Product Picture

Blocking buffer: 5% NFDM/TBST

Primary ab dilution: 1:1000

Primary ab incubation condition: room temperature 2h

Secondary ab: Goat Anti-Mouse IgG H&L (HRP)

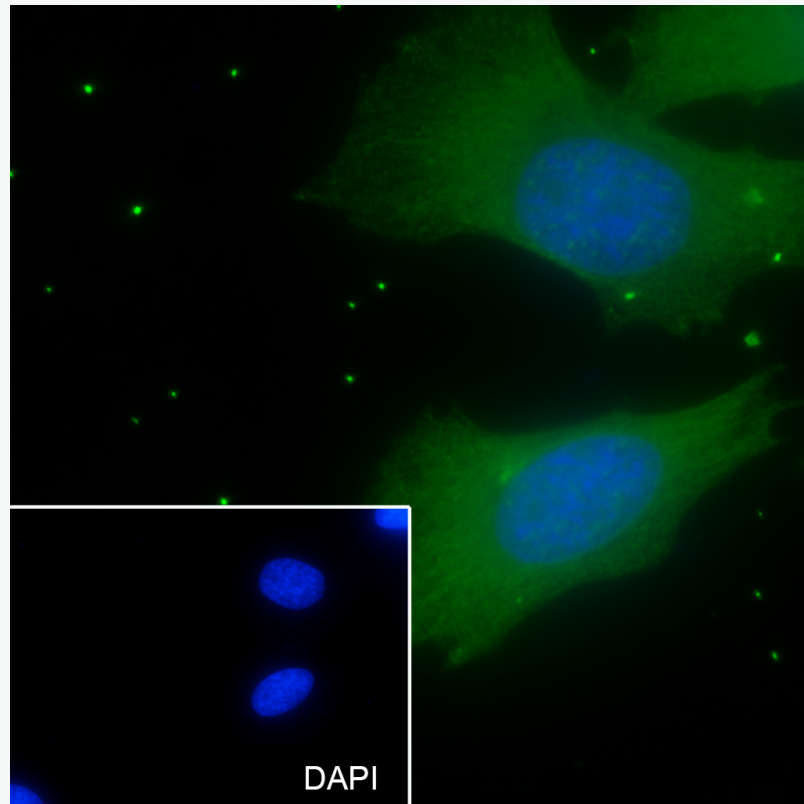
Lysate: HepG2, Daudi, 293T

Protein loading quantity: 20  $\mu$ g

Exposure time: 30 s

Predicted MW: 68 kDa

Observed MW: 68 kDa



Cell line: HeLa

Fixative: 100% Ice-cold methanol

Permeabilization: 0.1% TritonX-100

Primary ab dilution: 1:50

Primary incubation condition: 4°C overnight

Secondary ab: Goat Anti-Mouse IgG

Nuclear counter stain: DAPI (Blue)

Comment: Color green is the positive signal for SLM-60558M