

## Mouse Monoclonal Antibody to PLK1

<b>Catalogue Number</b>	sAP-0746
<b>Target Molecule</b>	<b>Name: PLK1</b> <b>Aliases:</b> PLK;STPK13 <b>MW:</b> 68kDa <b>Entrez Gene ID:</b> 5347
<b>Description</b>	Polo-like kinase 1 (Plk1) plays key roles in many aspects of mitosis. Suppression of Plk1 by p21(Waf1) is responsible for p53-dependent protection against adriamycin-induced caspase-independent mitotic death.
<b>Immunogen</b>	Purified recombinant fragment of human PLK1 (AA: 331-508) expressed in E. Coli.
<b>Reactive Species</b>	Human; Mouse;
<b>Clone</b>	MM3C11;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.Cell Signal. 2011 Nov;23(11):1816-23. 2.Biochem Biophys Res Commun. 2011 Jun 24;410(1):57-61.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**