

## Mouse Monoclonal Antibody to PLK1

Catalogue Number	sAP-0746
Target Molecule	<b>Name:</b> PLK1 <b>Aliases:</b> PLK;STPK13 <b>MW:</b> 68kDa <b>Entrez Gene ID:</b> 5347
Description	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.
Immunogen	Purified recombinant fragment of human PLK1 (AA: 331-508) expressed in E. Coli.
Recitative Species	Human; Mouse;
Clone	MM3C11;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	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
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	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**